

# 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             | 3-8-2018    | 21,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 21,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 21,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 21,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 21,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 21,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 6                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 22,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 3-8-2018    | 23,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 6,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 6,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 5                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,4000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,1700     |      | 0            | 1             | 3                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 5                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 3-8-2018    | 7,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 1             | 1                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 25                 | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,4000         | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0700     |      | 0            | 1             | 1                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 3-8-2018    | 5,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 3-8-2018    | 20,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 3-8-2018    | 20,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0                  | 25-7-2018 |



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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                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 1            | 25-7-2018     |                    |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 2             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 8             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,9000         | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0600     | 0    | 2            | 2             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 8,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 9,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4TT                       | TomTom - Weekly Option 4th Friday      | 27-7-2018   | 9,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9800     | 3    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 46,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 46,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 8             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 47,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 47,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 23            | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 48,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 5             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 48,5000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0900     | 0    | 5            | 13            | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 49,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,2400     | 0    | 1            | 6             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 1             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 49,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 6             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 49,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 1             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 27            | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 50,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 50,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 27-7-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 0             | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4708    | 40   | 0            | 0             | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4568    | 40   | 0            | 4610          | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4457    | 40   | 0            | 0             | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4206    | 40   | 0            | 0             | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3897    | 40   | 0            | 0             | 25-7-2018          |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,6831    | 40   | 0            | 0             | 25-7-2018          |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 25-7-2018          |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 25-7-2018          |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 25-7-2018          |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 25-7-2018          |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5100     | 9    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 18            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5400     | 7    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 29            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     | 5    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 36,0000        | P                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1200     | 0    | 2            | 31            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 6             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 38,0000        | P                 | EUR               | 0,2700 | 0,2900 | 0,2600 | 13          | 0,2600 | 0,2800     | 0    | 220          | 341           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 39,0000        | C                 | EUR               | 1,7000 | 2,2000 | 1,7000 | 4           | 1,9700 | 2,9500     | 2    | 14           | 30            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 39,0000        | P                 | EUR               | 0,4200 | 0,5900 | 0,4200 | 11          | 0,4500 | 0,4700     | 0    | 67           | 91            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 40,0000        | C                 | EUR               | 1,4500 | 1,4500 | 1,1900 | 13          | 1,2300 | 1,2600     | 1    | 138          | 226           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 40,0000        | P                 | EUR               | 0,8700 | 0,9500 | 0,6400 | 10          | 0,8300 | 0,7900     | 1    | 24           | 257           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 41,0000        | C                 | EUR               | 0,6400 | 0,7800 | 0,6400 | 7           | 0,7000 | 0,7400     | 1    | 25           | 115           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 41,0000        | P                 | EUR               | 1,1800 | 1,1800 | 1,1500 | 2           | 1,1500 | 1,2600     | 1    | 18           | 322           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 42,0000        | C                 | EUR               | 0,3800 | 0,4300 | 0,3800 | 3           | 0,4300 | 0,4000     | 0    | 6            | 326           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 42,0000        | P                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 1,9300     | 2    | 20           | 243           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 43,0000        | C                 | EUR               | 0,1600 | 0,2300 | 0,1600 | 13          | 0,1800 | 0,2000     | 0    | 71           | 347           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 158           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 44,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,0900     | 0    | 1            | 204           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4    | 0            | 31            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 45,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0500     | 0    | 1            | 54            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     | 5    | 0            | 2             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries                    | 17-8-2018   | 46,0000        | 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                | AAI                       | Aalberts Industries | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 37            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5500     | 9    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 3            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     | 7    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 1            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     | 6    | 0            | 12            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 303          | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     | 5    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 36,0000        | P                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2500     | 0    | 3            | 91            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 85            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 38,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,4500 | 2           | 0,4500 | 0,5000     | 1    | 3            | 508           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 3             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 127           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 302           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 561           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 41,0000        | C                 | EUR               | 1,1800 | 1,1800 | 1,0000 | 4           | 1,0000 | 1,0300     | 1    | 71           | 103           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 41,0000        | P                 | EUR               | 1,5400 | 1,5400 | 1,5400 | 1           | 1,5400 | 1,5700     | 2    | 7            | 146           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 42,0000        | C                 | EUR               | 0,6700 | 0,7400 | 0,6700 | 6           | 0,6800 | 0,6400     | 1    | 23           | 499           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     | 2    | 0            | 651           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 43,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,3800 | 3           | 0,3800 | 0,3800     | 0    | 23           | 135           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     | 3    | 0            | 24            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 44,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2200     | 0    | 2            | 681           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 44,0000        | P                 | EUR               | 3,9000 | 3,9000 | 3,5000 | 2           | 3,5000 | 3,7600     | 4    | 2            | 378           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 306           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     | 6    | 0            | 53            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5700     | 8    | 0            | 2             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 174           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     | 10   | 0            | 21            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 28            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5600    | 15   | 0            | 9             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5600    | 20   | 0            | 26            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     | 7    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8000     | 5    | 0            | 10            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 33           | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     | 3    | 0            | 10            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 38,0000        | P                 | EUR               | 0,7000 | 0,7100 | 0,7000 | 3           | 0,7100 | 0,6700     | 1    | 6            | 12            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 1             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     | 2    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 4             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 2             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 44,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,3500     | 0    | 3            | 15            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     | 6    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6200     | 8    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5400    | 13   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 37            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5800    | 11   | 0            | 6             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 65            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 35,0000        | C                 | EUR               | 5,8000 | 5,8000 | 5,8000 | 1           | 5,8000 | 5,8600     | 6    | 2            | 69            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 35,0000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4200     | 0    | 9            | 151           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 38,0000        | C                 | EUR               | 3,3600 | 3,3600 | 3,3600 | 1           | 3,3600 | 3,4300     | 3    | 1            | 67            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 38,0000        | P                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 2           | 1,0000 | 1,0000     | 1    | 4            | 269           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 152           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 40,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,5800 | 2           | 1,5800 | 1,7300     | 2    | 0            | 636           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 42,0000        | C                 | EUR               | 1,3900 | 1,3900 | 1,1900 | 5           | 1,1900 | 1,2200     | 1    | 62           | 331           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 42,0000        | P                 | EUR               | 3,0000 | 3,0000 | 3,0000 | 1           | 3,0000 | 2,8000     | 3    | 1            | 572           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 44,0000        | C                 | EUR               | 0,6400 | 0,6400 | 0,6400 | 2           | 0,6400 | 0,6200     | 1    | 10           | 518           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 44,0000        | P                 | EUR               | 3,9600 | 4,2500 | 3,9600 | 2           | 4,2500 | 4,2100     | 4    | 20           | 211           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 135           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     | 6    | 0            | 114           | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 71            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6600     | 10   | 0            | 10            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6100    | 15   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6100    | 20   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6000    | 13   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 7             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 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                | AAI                       | Aalberts Industries           | 15-3-2019   | 42,0000        | C                 | EUR               | 1,5800 | 1,8000 | 1,5800 | 4           | 1,6200 | 1,6800     | 2    | 11           | 55            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3    | 0            | 32            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 10            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     | 5    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 33            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2000     | 6    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 50,0000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 5           | 0,1800 | 0,1800     | 0    | 21           | 28            | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8100     | 10   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6900    | 15   | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AAI                       | Aalberts Industries           | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6700    | 20   | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     | 5    | 0            | 26            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 212           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 27            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3    | 0            | 54            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0500     | 0    | 5            | 276           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 400           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 21,0000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1100     | 0    | 5            | 823           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 384           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 21,5000        | P                 | EUR               | 0,1600 | 0,1900 | 0,1600 | 4           | 0,1900 | 0,1900     | 0    | 26           | 830           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 22,0000        | C                 | EUR               | 1,2500 | 1,2600 | 1,1400 | 4           | 1,1800 | 1,1500     | 1    | 11           | 1662          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 22,0000        | P                 | EUR               | 0,2700 | 0,3300 | 0,2700 | 46          | 0,3200 | 0,3100     | 0    | 1000         | 2106          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 22,5000        | C                 | EUR               | 0,8800 | 0,8900 | 0,8000 | 7           | 0,8000 | 0,7600     | 1    | 54           | 921           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 22,5000        | P                 | EUR               | 0,4500 | 0,5000 | 0,4100 | 9           | 0,5000 | 0,5300     | 1    | 35           | 580           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 23,0000        | C                 | EUR               | 0,5300 | 0,5500 | 0,4500 | 8           | 0,4500 | 0,4800     | 0    | 35           | 2113          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 23,0000        | P                 | EUR               | 0,7000 | 0,7400 | 0,6900 | 7           | 0,6900 | 0,8200     | 1    | 91           | 1902          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 23,5000        | C                 | EUR               | 0,3000 | 0,3400 | 0,2800 | 12          | 0,2800 | 0,2700     | 0    | 100          | 736           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 23,5000        | P                 | EUR               | 1,0400 | 1,1600 | 1,0400 | 3           | 1,1600 | 1,1900     | 1    | 16           | 697           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 24,0000        | C                 | EUR               | 0,1600 | 0,1800 | 0,1300 | 7           | 0,1400 | 0,1400     | 0    | 14           | 428           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 24,0000        | P                 | EUR               | 1,4100 | 1,6100 | 1,4100 | 15          | 1,6100 | 1,6200     | 2    | 96           | 1808          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 24,5000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0700     | 0    | 35           | 104           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 24,5000        | P                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 2           | 1,9000 | 2,0600     | 2    | 11           | 464           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     | 0    | 1            | 128           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 431           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 90            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     | 3    | 0            | 814           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 34            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     | 4    | 0            | 129           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     | 5    | 0            | 153           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 21            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 158           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     | 5    | 0            | 8             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 395           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 46            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     | 0    | 7            | 118           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3    | 0            | 145           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 20,0000        | P                 | EUR               | 0,1000 | 0,1100 | 0,1000 | 2           | 0,1100 | 0,1200     | 0    | 3            | 1061          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 91            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 21,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2300     | 0    | 1            | 1901          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 149           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 21,5000        | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3300     | 0    | 1            | 1151          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 22,0000        | C                 | EUR               | 1,3400 | 1,3400 | 1,2000 | 6           | 1,2000 | 1,1800     | 1    | 19           | 558           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 22,0000        | P                 | EUR               | 0,4900 | 0,4900 | 0,4900 | 1           | 0,4900 | 0,4900     | 0    | 23           | 1772          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 22,5000        | C                 | EUR               | 0,8100 | 0,8100 | 0,8100 | 1           | 0,8100 | 0,8200     | 1    | 1            | 334           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 131           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 23,0000        | C                 | EUR               | 0,6500 | 0,6600 | 0,6500 | 3           | 0,6500 | 0,5300     | 1    | 12           | 1080          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 23,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 2           | 0,8500 | 0,9700     | 1    | 7            | 4749          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 23,5000        | C                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,3200     | 0    | 1            | 1             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 23,5000        | P                 | EUR               | 1,2700 | 1,3000 | 1,2600 | 6           | 1,2900 | 1,3100     | 1    | 106          | 106           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 24,0000        | C                 | EUR               | 0,2200 | 0,2300 | 0,1900 | 9           | 0,1900 | 0,1800     | 0    | 196          | 2421          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 2440          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0600     | 0    | 4            | 2532          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 25,0000        | P                 | EUR               | 2,4800 | 2,4800 | 2,4800 | 1           | 2,4800 | 2,5900     | 3    | 4            | 2302          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1916          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 1511          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1374          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     | 5    | 0            | 440           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1122          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     | 6    | 0            | 514           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 329           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     | 7    | 0            | 158           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 388           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-9-2018   | 30,0000        | 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                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 20,0000        | P                 | EUR               | 0,1400  | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1600     | 0    | 2            | 1             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 2            | 2             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 21,5000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     | 2    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 21,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 7             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 22,5000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 23            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 22,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 35            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 8             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 23,0000        | P                 | EUR               | 0,9500  | 0,9500 | 0,9500 | 1           | 0,9500 | 1,0800     | 1    | 3            | 10            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 23,5000        | C                 | EUR               | 0,4500  | 0,4500 | 0,4500 | 3           | 0,4500 | 0,3900     | 0    | 55           | 55            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 23,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 24,0000        | C                 | EUR               | 0,3000  | 0,3000 | 0,2900 | 2           | 0,2900 | 0,2400     | 0    | 25           | 75            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 100          | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,0200     | 9    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 331          | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,0200     | 8    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 196          | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 4             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 150          | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 266           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 851          | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 32            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,1800  | 0,1800 | 0,1800 | 1           | 0,1800 | 0,2100     | 0    | 27           | 243           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 410           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,2900  | 0,2900 | 0,2900 | 1           | 0,2900 | 0,3200     | 0    | 1            | 2769          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     | 2    | 0            | 975           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 946           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 1,5500  | 1,5500 | 1,4600 | 4           | 1,4600 | 1,3800     | 1    | 6            | 871           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,7700  | 0,8500 | 0,7700 | 5           | 0,8500 | 0,8500     | 1    | 49           | 8647          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 0,9000  | 0,9000 | 0,8100 | 2           | 0,8100 | 0,8100     | 1    | 3            | 3026          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 1,2500  | 1,2200 | 1,2500 | 2           | 1,3200 | 1,3200     | 4    | 2826         | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,4800  | 0,5000 | 0,4800 | 5           | 0,4800 | 0,4400     | 0    | 2235         | 25-7-2018     |                    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 1,9600  | 1,9600 | 1,9600 | 1           | 1,9600 | 1,9800     | 2    | 1            | 3831          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 0,2700  | 0,2700 | 0,2700 | 1           | 0,2700 | 0,2300     | 0    | 2            | 3146          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3    | 0            | 3760          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 3465          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 3,5200  | 3,5200 | 3,5100 | 2           | 3,5100 | 3,6600     | 4    | 15           | 2073          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0700  | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     | 0    | 1            | 1943          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     | 5    | 0            | 801           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1566          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     | 6    | 0            | 98            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 451           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,5800     | 7    | 0            | 261           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5600     | 8    | 0            | 321           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     | 10   | 0            | 5             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,5600    | 13   | 0            | 105           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 17,5600    | 18   | 0            | 25            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 22,5800    | 23   | 0            | 175           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 8             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     | 5    | 0            | 8             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 1068          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 19,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 16            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 52            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 358           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 0,4600  | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4900     | 0    | 1            | 147           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 57            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 21,0000        | P                 | EUR               | 0,6700  | 0,7400 | 0,6700 | 3           | 0,7400 | 0,7400     | 1    | 15           | 232           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 22,0000        | C                 | EUR               | 1,7200  | 1,7200 | 1,7200 | 1           | 1,7200 | 1,5800     | 2    | 5            | 544           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 626           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 23,0000        | C                 | EUR               | 1,1200  | 1,1200 | 1,1200 | 1           | 1,1200 | 1,0600     | 1    | 5            | 531           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 870           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 293           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 465           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 25,0000        | C                 | EUR               | 0,4600  | 0,4600 | 0,4300 | 2           | 0,43   |            |      |              |               |                    |



| 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 | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5800    | 13   | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0200     | 9    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 22            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 37            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 105           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 164           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 1664          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     | 4    | 0            | 21            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 1048          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     | 3    | 0            | 425           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 1762          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 21,0000        | C                 | EUR               | 2,4800 | 2,4800 | 2,4800 | 1           | 2,4800 | 2,4100     | 2    | 2            | 238           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 140           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     | 2    | 0            | 556           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 1414          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 391           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 578           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,8800 | 1           | 0,8800 | 0,8700     | 1    | 5            | 510           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 2,7600 | 2,7600 | 2,7600 | 1           | 2,7600 | 2,8800     | 3    | 1            | 511           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 349           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     | 4    | 0            | 727           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,3900 | 0,3900 | 0,3900 | 1           | 0,3900 | 0,3700     | 0    | 1            | 381           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     | 4    | 0            | 111           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 728           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     | 5    | 0            | 122           | 25-7-2018          |
| 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            | 1230          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3300     | 6    | 0            | 194           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 390           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     | 7    | 0            | 140           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 357           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2300     | 8    | 0            | 70            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 16            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2300    | 10   | 0            | 90            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 46            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2300    | 13   | 0            | 45            | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2300    | 18   | 0            | 70            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,2300    | 23   | 0            | 105           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0100     | 9    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 8             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0100     | 7    | 0            | 10            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 74            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     | 5    | 0            | 53            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 1624          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 136           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 19,0000        | P                 | EUR               | 1,0300 | 1,0800 | 1,0300 | 4           | 1,0800 | 1,0900     | 1    | 7            | 64            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 3,2800 | 3,2800 | 3,2800 | 1           | 3,2800 | 3,2700     | 3    | 1            | 749           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 685           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 21,0000        | C                 | EUR               | 2,6100 | 2,6100 | 2,6100 | 1           | 2,6100 | 2,5500     | 3    | 1            | 33            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 129           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 22,0000        | C                 | EUR               | 1,9700 | 1,9700 | 1,9400 | 4           | 1,9400 | 1,9400     | 2    | 27           | 2016          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 22,0000        | P                 | EUR               | 2,3400 | 2,3400 | 2,3000 | 2           | 2,3000 | 2,3900     | 2    | 2            | 1018          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 23,0000        | C                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 2           | 1,4500 | 1,4500     | 1    | 2            | 718           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 23,0000        | P                 | EUR               | 2,8900 | 2,9200 | 2,8900 | 2           | 2,9200 | 2,9800     | 3    | 11           | 519           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 24,0000        | C                 | EUR               | 1,1200 | 1,1200 | 1,1200 | 1           | 1,1200 | 1,0600     | 1    | 5            | 1205          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     | 4    | 0            | 491           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 25,0000        | C                 | EUR               | 0,8200 | 0,8200 | 0,7700 | 3           | 0,7700 | 0,7600     | 1    | 6            | 1064          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 360           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 2439          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     | 5    | 0            | 2306          | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 27,0000        | C                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 1           | 0,4200 | 0,4100     | 0    | 455          | 5             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 27,0000        | P                 | EUR               | 6,1000 | 6,1000 | 6,1000 | 1           | 6,1000 | 6,1300     | 6    | 1            | 151           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 496           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0800     | 7    | 0            | 568           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 97            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9800     | 8    | 0            | 5             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1900     | 0    | 27           | 110           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     | 9    | 0            | 7             | 25-7-2018          |
| 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            | 631           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9100    | 11   | 0            | 31            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 243           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8100    | 14   | 0            | 26            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 40,0000        | 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                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 20,0000        | P                 | EUR               | 1,9600 | 1,9600 | 1,9600 | 1           | 1,9600 | 2,0100     | 2    | 10           | 80            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 198           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 22,0000        | P                 | EUR               | 3,0300 | 3,0300 | 3,0300 | 1           | 3,0300 | 3,0300     | 3    | 5            | 178           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 120           | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 55            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 25,0000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9600     | 1    | 3            | 65            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     | 5    | 0            | 6             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 10            | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     | 6    | 0            | 31            | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5100     | 10   | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     | 4    | 0            | 80            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 10            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 1             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 24            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 86            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 24            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 308           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 18,0000        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,5100     | 1    | 3            | 44            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 169           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 30            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 43            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 168           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 841           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 46            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 7             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 149           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 25            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 22            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 19            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     | 4    | 0            | 8             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 19            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 17-8-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     | 5    | 0            | 7             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     | 4    | 0            | 4             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 51            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 3             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     | 2    | 0            | 51            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 8             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 15            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 33            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 23            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 76            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 55            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 65            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 14            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 38            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 19,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 4           | 0,3500 | 0,3300     | 0    | 50           | 97            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 251           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 15            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 10            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 28            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 33            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 85            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 42            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 271           | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 63            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 4             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 17,0000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4200     | 0    | 1            | 7             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 1             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 33            | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 1             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 19,0000        | C                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,5000     | 1    | 3            | 3             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 0             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 20,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2900     | 0    | 1            | 1             | 25-7-2018          |
| O                | ACC                       | Accell Group NV - Stnd Option | 19-10-2018  | 20,0000        | P                 | 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 |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     |      | 4            | 0             | 8 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8800     |      | 10           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     |      | 4            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5700    |      | 11           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 196,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 50            | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 196,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2000    |      | 11           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 198,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 198,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6200    |      | 13           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     |      | 3            | 9             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0900    |      | 14           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 202,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 200           | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 202,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6700    |      | 16           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 204,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 1             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 204,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3100    |      | 17           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 1 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1500    |      | 18           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 61            | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5600    |      | 23           | 0             | 23 25-7-2018       |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1800    |      | 27           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 18            | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,9500    |      | 32           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 1             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8100    |      | 37           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 1             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,7300    |      | 42           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 6             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,6300    |      | 52           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,6000    |      | 62           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,5800    |      | 72           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 280,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 280,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,5700    |      | 92           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 111,5700   |      | 112          | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 350,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-9-2018   | 350,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 161,6000   |      | 162          | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5400    |      | 21           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     |      | 2            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9800    |      | 13           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     |      | 5            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2600     |      | 9            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 186,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     |      | 7            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 188,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     |      | 8            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 188,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8000     |      | 8            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8400     |      | 9            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8600     |      | 10           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0900    |      | 11           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     |      | 4            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1000    |      | 15           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 19-10-2018  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,1300    |      | 23           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,6000    |      | 89           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,6100    |      | 59           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 2             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,7600    |      | 49           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,2900    |      | 39           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7800    |      | 35           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4700    |      | 30           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 18            | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4200    |      | 26           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 31            | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,4700    |      | 22           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     |      | 4            | 3             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9200    |      | 19           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5500     |      | 6            | 5             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5100    |      | 16           | 0             | 0 25-7-2018        |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1600     |      | 7            | 3             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6500    |      | 13           | 0             | 50 25-7-2018       |
| O                | ADQ                       | Adidas -              |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0500    |      | 47           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,0700    |      | 56           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,4600    |      | 65           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 114,4600   |      | 114          | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,6500    |      | 89           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,4000    |      | 69           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,5500    |      | 52           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     |      | 5            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,3300    |      | 43           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     |      | 7            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7800    |      | 36           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3000     |      | 9            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0200    |      | 29           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7500    |      | 13           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3900    |      | 23           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2900    |      | 17           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0600    |      | 18           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0900    |      | 22           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8700    |      | 16           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9400    |      | 25           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1700    |      | 14           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2900    |      | 28           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7200    |      | 11           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,9200    |      | 35           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2900     |      | 8            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,5600    |      | 43           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     |      | 7            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,8200    |      | 51           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3000    |      | 68           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 115,6100   |      | 116          | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,6800    |      | 89           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,7500    |      | 70           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     |      | 3            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,0100    |      | 53           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4700     |      | 7            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5700    |      | 46           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4800    |      | 10           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,4900    |      | 38           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7700    |      | 14           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7800    |      | 32           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3700    |      | 17           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,1000    |      | 26           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0100    |      | 22           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2600    |      | 21           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4400    |      | 27           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9400    |      | 19           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,2400    |      | 30           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9200    |      | 17           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,3200    |      | 33           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3100    |      | 13           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9000    |      | 40           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7700    |      | 11           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,5600    |      | 48           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6300     |      | 9            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,5500    |      | 56           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4600     |      | 5            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,6300    |      | 73           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,2000   |      | 119          | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,8200    |      | 89           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,3900    |      | 70           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4600     |      | 4            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,2300    |      | 54           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     |      | 9            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,9100    |      | 47           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4200    |      | 12           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,1400    |      | 40           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 160,0000       | 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                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4400    |      | 36           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4800    |      | 16           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,2300    |      | 43           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6600    |      | 14           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,5100    |      | 51           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2700    |      | 11           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2000    |      | 58           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     |      | 8            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,8500    |      | 75           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     |      | 3            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,3500   |      | 120          | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,8300    |      | 71           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     |      | 6            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,2600    |      | 55           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0100    |      | 12           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,5300    |      | 42           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1600    |      | 19           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,5900    |      | 36           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6100    |      | 24           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,2600    |      | 30           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4900    |      | 28           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,7000    |      | 26           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,2800    |      | 34           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,6600    |      | 22           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4400    |      | 40           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3000    |      | 18           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,2700    |      | 47           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3900    |      | 15           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,5800    |      | 55           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4200     |      | 9            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,9100    |      | 79           | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 25-7-2018          |
| O                | ADQ                       | Adidas - Stock Option      | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 123,8700   |      | 124          | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3948     |      | 5            | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2729     |      | 5            | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2715     |      | 5            | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2682     |      | 5            | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2642     |      | 5            | 0             | 25-7-2018          |
| F                | AE6                       | Aegon NV - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1407     |      | 5            | 0             | 25-7-2018          |
| F                | AE8                       | Aegon NV - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 25-7-2018          |
| F                | AE8                       | Aegon NV - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2875     |      | 0            | 0             | 25-7-2018          |
| F                | AE8                       | Aegon NV - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2950     |      | 0            | 0             | 25-7-2018          |
| F                | AE8                       | Aegon NV - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3025     |      | 0            | 0             | 25-7-2018          |
| F                | AE8                       | Aegon NV - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3025     |      | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 8             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 31            | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 77            | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 11 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,6000         | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0900     |      | 0            | 1             | 120 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,8000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,5900     |      | 1            | 2             | 35 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 6,8000         | P                 | EUR               | 0,1200 | 0,1400 | 0,1200 | 4           | 0,1400 | 0,1200     |      | 0            | 50            | 336 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,0000         | C                 | EUR               | 0,4800 | 0,4900 | 0,4800 | 2           | 0,4900 | 0,4700     |      | 0            | 2             | 245 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,0000         | P                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,2000     |      | 0            | 1             | 360 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 367 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,2000         | P                 | EUR               | 0,2600 | 0,2800 | 0,2400 | 4           | 0,2800 | 0,2800     |      | 0            | 82            | 198 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,4000         | C                 | EUR               | 0,2500 | 0,2800 | 0,2300 | 8           | 0,2300 | 0,2400     |      | 0            | 48            | 660 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,4000         | P                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,3700     |      | 0            | 1             | 161 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,6000         | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1600     |      | 0            | 5             | 599 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 155 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,8000         | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1100     |      | 0            | 5             | 23 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 53 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,0000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0600 | 2           | 0,0600 | 0,0700     |      | 0            | 6             | 177 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,0000         | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8000     |      | 1            | 1             | 126 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 53 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 9 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 8             | 25-7-2018          |
| O                | AFA                       | Air France-KLM             | 17-8-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 0             | 17 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     |      | 3            | 0             | 0 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 0 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 43 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 136 25-7-2018      |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 0             | 0 25-7-2018        |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 23 25-7-2018       |
| O                | AFA                       | Air France-KLM             | 21-9-2018   | 6,0000         | 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                | AFA                       | Air France-KLM  | 21-9-2018   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 2334          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 1394          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 829           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,2000         | C                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4600     | 0    | 1            | 732           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 187           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 63            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 5             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,5000         | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3000     | 0    | 5            | 261           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 300           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,6000         | C                 | EUR               | 0,2700 | 0,2800 | 0,2700 | 2           | 0,2800 | 0,2600     | 0    | 9            | 139           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 12            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 50            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 3             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 1457          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 826           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1594          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 129           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 3             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 362           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 354           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 440           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 58            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 461           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 10,0000        | P                 | EUR               | 2,7400 | 2,8000 | 2,7400 | 2           | 2,8000 | 2,7400     | 3    | 35           | 623           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 206           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7300     | 4    | 0            | 283           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 272           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 12,0000        | P                 | EUR               | 4,7400 | 4,7400 | 4,7400 | 1           | 4,7400 | 4,7300     | 5    | 10           | 350           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 127           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     | 6    | 0            | 117           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 188           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7400     | 7    | 0            | 39            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 74            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7400     | 8    | 0            | 121           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 2           | 0,0100 | 0,0100     | 0    | 30           | 217           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7400     | 9    | 0            | 69            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 62            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7400    | 11   | 0            | 16            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7400    | 13   | 0            | 20            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,2000         | P                 | EUR               | 0,4700 | 0,4700 | 0,4700 | 1           | 0,4700 | 0,4700     | 0    | 1            | 2             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,4000         | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4200     | 0    | 2            | 2             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 1             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 7,6000         | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6800     | 1    | 1            | 1             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 1             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 19-10-2018  | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3    | 0            | 10            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 22            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 17            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 20            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 5,0000         | C                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,3500     | 2    | 10           | 1558          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0900     | 0    | 1            | 501           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 26            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 402           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 598           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 98            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 320           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 7,0000         | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,8000     | 1    | 5            | 966           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 7,0000         | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5400     | 1    | 10           | 1761          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 770           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 149           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 8,0000         | C                 | EUR               | 0,3200 | 0,3500 | 0,3200 | 6           | 0,3500 | 0,3400     | 0    | 55           | 1025          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 961           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 462           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 8,5000         | P                 | 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                | AFA                       | Air France-KLM  | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 700           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 342           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 848           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7600     | 5    | 0            | 639           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7600     | 6    | 0            | 369           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 947           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     | 7    | 0            | 260           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7500     | 8    | 0            | 247           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7500     | 9    | 0            | 58            | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7500    | 11   | 0            | 5             | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7600    | 13   | 0            | 217           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     | 3    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 3             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 6             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 1             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 73            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 1             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 494           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 131           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 46            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 54            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,0000         | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9500     | 1    | 5            | 270           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 228           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 225           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 115           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 398           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 154           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 61            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 295           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,0000         | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 2           | 0,2400 | 0,2600     | 0    | 4            | 1211          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 1330          | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 32           | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2    | 0            | 271           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 171           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3    | 0            | 294           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 191           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 18            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     | 7    | 0            | 12            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7700     | 9    | 0            | 100           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     | 3    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 6             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 6             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 144           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 15            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 2             | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 333           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 216           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 33            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 48            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 545           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 92            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 9,0000         | C                 | EUR               | 0,3400 | 0,3400 | 0,3400 | 1           | 0,3400 | 0,3500     | 0    | 8            | 162           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 123           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 284           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 122           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 777           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     | 5    | 0            | 185           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 331           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8100     | 7    | 0            | 228           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 177           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8000     | 8    | 0            | 303           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 129           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8000     | 9    | 0            | 40            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 138           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    | 13   | 0            | 796           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     | 3    | 0            | 142           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 74            | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 922           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 246           | 25-7-2018          |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 7,0000         | 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 Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|-----------|
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 10,0000        | P                 | EUR               | 3,1400 | 3,1500 | 3,1400 | 2           | 3,1500 | 3,1400     | 3    | 35           | 417           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 1730          | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 12,0000        | P                 | EUR               | 4,9400 | 4,9400 | 4,9400 | 1           | 4,9400 | 4,9300     | 5    | 10           | 227           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 202           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     | 7    | 0            | 104           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 161           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8400     | 9    | 0            | 102           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1012          | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8300    | 13   | 0            | 359           | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 24            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 0             | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 31            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 19            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 47            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 27            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 8,0000         | P                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,8100     | 2    | 1            | 1             | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 20            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3    | 0            | 28            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 21            | 25-7-2018 |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    | 11   | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0700     | 9    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     | 7    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 40,0000        | C                 | EUR               | 5,1200 | 5,1200 | 5,1200 | 1           | 5,1200 | 5,1200     | 5    | 1            | 1             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 14            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     | 4    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 41,0000        | P                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,1100     | 0    | 1            | 17            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 42,0000        | C                 | EUR               | 4,0000 | 4,0000 | 4,0000 | 1           | 4,0000 | 3,2600     | 3    | 25           | 25            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 29            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 43,0000        | C                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,4200     | 2    | 6            | 16            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 43,0000        | P                 | EUR               | 0,2200 | 0,3100 | 0,2200 | 2           | 0,3100 | 0,3600     | 0    | 2            | 241           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 44,0000        | C                 | EUR               | 1,5500 | 2,3000 | 1,5500 | 2           | 2,3000 | 1,6800     | 2    | 2            | 148           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 44,0000        | P                 | EUR               | 0,4200 | 0,5000 | 0,3500 | 3           | 0,5000 | 0,6200     | 1    | 49           | 3             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 45,0000        | C                 | EUR               | 0,3700 | 1,5000 | 0,3700 | 11          | 1,3000 | 1,0800     | 1    | 163          | 183           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 45,0000        | P                 | EUR               | 0,4500 | 0,9500 | 0,4500 | 4           | 0,9500 | 1,0200     | 1    | 7            | 12            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 46,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,7500 | 4           | 0,7500 | 0,6400     | 1    | 17           | 51            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 46,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 1,5800     | 2    | 10           | 10            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 47,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,4500 | 5           | 0,4700 | 0,3700     | 0    | 42           | 41            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 17-8-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9700     | 7    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0700    | 17   | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0700    | 15   | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    | 11   | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0900     | 9    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 100           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     | 7    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 4           | 0,0400 | 0,0700     | 0    | 30           | 226           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     | 5    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 40,0000        | P                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1900     | 0    | 15           | 1605          | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     | 4    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 41,0000        | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,2900     | 0    | 10           | 11            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 42,0000        | C                 | EUR               | 3,7000 | 4,6000 | 3,7000 | 7           | 4,0000 | 3,4900     | 3    | 75           | 132           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 42,0000        | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 2           | 0,1600 | 0,4400     | 0    | 20           | 297           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 100           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 27            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 44,0000        | C                 | EUR               | 2,3000 | 2,3000 | 2,3000 | 1           | 2,3000 | 2,0500     | 2    | 10           | 42            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 44,0000        | P                 | EUR               | 0,4500 | 0,7000 | 0,4500 | 4           | 0,7000 | 1,0000     | 1    | 8            | 106           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 45,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,4600     | 1    | 4            | 218           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 124           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 132           | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 46,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,9800     | 2    | 10           | 12            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 48,0000        | C                 | EUR               | 0,1000 | 0,6500 | 0,1000 | 3           | 0,5700 | 0,4500     | 0    | 15           | 17            | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 0             | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-9-2018   | 50,0000        | C                 | EUR               | 0,1600 | 0,4000 | 0,1600 | 6           | 0,2500 | 0,2000     | 0    | 28           | 40            | 25-7-2018 |



| 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     | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     |      | 7            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3500     |      | 5            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9500     |      | 3            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     |      | 2            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 48,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,6000 | 4           | 0,6000 | 0,6200     |      | 1            | 4             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 50,0000        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,3100     |      | 0            | 10            | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0900     |      | 7            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 24,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3500    |      | 20           | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 24,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 46            | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0700    |      | 17           | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 29,6700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    |      | 15           | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 29,6700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 533           | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 34,6100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5500    |      | 11           | 0             | 25-7-2018          |           |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 34,6100        | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1200     |      | 0            | 2             | 1047               | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 38,0000        | C                 | EUR               | 7,9500 | 7,9500 | 7,9500 | 1           | 7,9500 | 7,3400     |      | 7            | 10            | 30                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 284                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 39,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     |      | 6            | 0             | 2                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 39,5500        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,4900     |      | 0            | 1             | 425                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 42,0000        | C                 | EUR               | 4,1000 | 5,0000 | 4,1000 | 3           | 5,0000 | 4,0200     |      | 4            | 23            | 30                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 42,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,7000 | 3           | 0,8500 | 1,0100     |      | 1            | 6             | 236                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 260                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,5000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,8900     |      | 2            | 1             | 246                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 46,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,6700     |      | 2            | 2             | 145                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 46,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 2,6600     |      | 3            | 5             | 37                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 48,0000        | C                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 0,9800     |      | 1            | 1             | 8                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 49,4400        | C                 | EUR               | 1,0000 | 1,0000 | 0,7000 | 4           | 0,7000 | 0,6200     |      | 1            | 30            | 117                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 49,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0700     |      | 5            | 0             | 32                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1300    |      | 10           | 0             | 10                 | 25-7-2018 |
| 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                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0300    |      | 15           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0700    |      | 17           | 0             | 0                  | 25-7-2018 |
| 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                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0700    |      | 15           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2500    |      | 10           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 10                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8900     |      | 6            | 0             | 10                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 16                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 20                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 42,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4100     |      | 1            | 6             | 68                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 582                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 44,0000        | P                 | EUR               | 2,0000 | 2,0000 | 1,9400 | 6           | 1,9400 | 2,1300     |      | 2            | 51            | 663                | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 37                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     |      | 3            | 0             | 4                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 48,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 2           | 1,9000 | 1,3700     |      | 1            | 30            | 30                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 26                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     |      | 6            | 0             | 12                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2800    |      | 10           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1100    |      | 15           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0700    |      | 20           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 43                 | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0900    |      | 17           | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1100    |      | 15           | 0             | 15                 | 25-7-201  |



| 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                | AGA                       | ageas NV/SA     | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 45,0000        | C                 | EUR               | 4,0500 | 4,0500 | 3,5500 | 2           | 3,5500 | 2,8500     |      | 3            | 13            | 116 25-7-2018      |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 45,0000        | P                 | EUR               | 3,0500 | 3,0500 | 3,0500 | 1           | 3,0500 | 3,9400     |      | 4            | 2             | 121 25-7-2018      |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 46,0000        | C                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,4500     |      | 2            | 1             | 1 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     |      | 5            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9900     |      | 6            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 50,0000        | C                 | EUR               | 1,1500 | 1,2000 | 1,1500 | 3           | 1,2000 | 1,0600     |      | 1            | 16            | 52 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 17 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9500    |      | 12           | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7700    |      | 17           | 0             | 10 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1500    |      | 15           | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 30,0000        | P                 | EUR               | 0,3900 | 0,3900 | 0,3900 | -           | 0,3900 | 0,4700     |      | 0            | 50            | 186 25-7-2018      |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4500    |      | 10           | 0             | 13 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 77 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     |      | 6            | 0             | 71 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 0             | 63 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 45,0000        | C                 | EUR               | 3,5000 | 3,5000 | 3,5000 | 2           | 3,5000 | 3,3100     |      | 3            | 10            | 126 25-7-2018      |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 45,0000        | P                 | EUR               | 4,7900 | 4,7900 | 4,7900 | 1           | 4,7900 | 4,7500     |      | 5            | 1             | 63 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 50,0000        | C                 | EUR               | 1,7000 | 2,1000 | 1,7000 | 3           | 2,1000 | 1,5300     |      | 2            | 30            | 124 25-7-2018      |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 50,0000        | P                 | EUR               | 7,4500 | 8,1900 | 7,4500 | 2           | 8,1900 | 8,1800     |      | 8            | 2             | 25 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 150           | 25-7-2018          |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0100    |      | 17           | 0             | 40 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1500    |      | 15           | 0             | 1 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 12 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5300    |      | 11           | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 35,0000        | P                 | EUR               | 1,8000 | 1,8500 | 1,8000 | 3           | 1,8500 | 1,9000     |      | 2            | 3             | 4 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 40,0000        | C                 | EUR               | 7,5000 | 7,5000 | 7,0000 | 2           | 7,0000 | 6,6000     |      | 7            | 12            | 92 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 40,0000        | P                 | EUR               | 4,0000 | 4,0000 | 3,4000 | 2           | 3,4000 | 3,6600     |      | 4            | 6             | 25 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 22 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 45,0000        | P                 | EUR               | 6,0000 | 6,0000 | 6,0000 | 1           | 6,0000 | 6,3200     |      | 6            | 1             | 12 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 21 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8900     |      | 10           | 0             | 10 25-7-2018       |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0 25-7-2018        |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6900    |      | 19           | 0             | 0 25-7-2018        |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 1972 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 142 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 486 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,8000         | C                 | EUR               | 0,6600 | 0,6600 | 0,6500 | 2           | 0,6500 | 0,6200     |      | 1            | 21            | 65 25-7-2018       |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 571 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,9000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5300     |      | 1            | 1             | 301 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 4,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 82 25-7-2018       |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,0000         | C                 | EUR               | 0,4900 | 0,4900 | 0,4900 | 1           | 0,4900 | 0,4400     |      | 0            | 10            | 311 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,0000         | P                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 4           | 0,0400 | 0,0400     |      | 0            | 25            | 2198 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,2000         | C                 | EUR               | 0,3200 | 0,3200 | 0,2800 | 3           | 0,2800 | 0,2800     |      | 0            | 53            | 6253 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,2000         | P                 | EUR               | 0,0600 | 0,0700 | 0,0600 | 2           | 0,0700 | 0,0800     |      | 0            | 11            | 2005 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,4000         | C                 | EUR               | 0,1700 | 0,1700 | 0,1600 | 8           | 0,1600 | 0,1600     |      | 0            | 269           | 7458 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,4000         | P                 | EUR               | 0,1300 | 0,1600 | 0,1200 | 11          | 0,1600 | 0,1600     |      | 0            | 63            | 1336 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,6000         | C                 | EUR               | 0,0900 | 0,0900 | 0,0800 | 15          | 0,0800 | 0,0800     |      | 0            | 951           | 4155 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,6000         | P                 | EUR               | 0,2500 | 0,2900 | 0,2300 | 5           | 0,2900 | 0,2800     |      | 0            | 70            | 2484 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,8000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 8           | 0,0400 | 0,0400     |      | 0            | 352           | 4307 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 5,8000         | P                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4400     |      | 0            | 4             | 2305 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,0000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     |      | 0            | 20            | 1773 25-7-2018     |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 837 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 125 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 549 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 147 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 144 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 100 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 285 25-7-2018      |
| O                | AGN                       | AEGON           | 17-8-2018   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AGN                       | AEGON           | 17-8-2018   | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 3287 25-7-2018     |
| O                | AGN                       | AEGON           | 21-9-2018   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 0 25-7-2018        |
| O                | AGN                       | AEGON           | 21-9-2018   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 258 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 1420 25-7-2018     |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,0000         | P                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     |      | 0            | 2             | 10543 25-7-2018    |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 269 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 308 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 682 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,6000         | P                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0400     |      | 0            | 9             | 3910 25-7-2018     |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 6201 25-7-2018     |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 6068 25-7-2018     |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 268 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 4,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 905 25-7-2018      |
| O                | AGN                       | AEGON           | 21-9-2018   | 5,0000         | C                 | EUR               | 0,4600 | 0,4600 | 0,4400 | 3           | 0,4400 | 0,4600     |      | 0            | 15            | 5674 25-7-2018     |
| O                | AGN                       | AEGON           |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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           | 21-9-2018   | 5,6000         | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 2           | 0,1100 | 0,1000     | 0    | 2            | 1165          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 1070          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,0000         | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 12          | 0,0400 | 0,0300     | 0    | 570          | 13556         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,0000         | P                 | EUR               | 0,7300 | 0,7500 | 0,7300 | 2           | 0,7500 | 0,7700     | 1    | 308          | 9934          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,5000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     | 0    | 10           | 4263          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 1726          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2793          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 3239          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 224           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 1310          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 144           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,8000         | C                 | EUR               | 0,6400 | 0,6400 | 0,6400 | 1           | 0,6400 | 0,6400     | 1    | 40           | 40            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,0000         | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 5           | 0,1200 | 0,1400     | 0    | 295          | 301           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 1             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,2000         | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 2           | 0,1800 | 0,2100     | 0    | 11           | 73            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 20            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,4000         | P                 | EUR               | 0,2800 | 0,3200 | 0,2800 | 5           | 0,3200 | 0,3200     | 0    | 113          | 200           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,6000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1300 | 2           | 0,1300 | 0,1300     | 0    | 50           | 77            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 2             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,0000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0500     | 0    | 1            | 351           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,0000         | P                 | EUR               | 0,7600 | 0,7600 | 0,7600 | 1           | 0,7600 | 0,7800     | 1    | 10           | 17            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-10-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 112           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 797           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 6            | 6             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 120           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 451           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 649           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 429           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 7451          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,0000         | C                 | EUR               | 1,4200 | 1,4300 | 1,4000 | 7           | 1,4000 | 2914       | 1    | 198          | 2914          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 9122          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,5000         | C                 | EUR               | 0,9100 | 0,9100 | 0,9100 | 2           | 0,9100 | 0,9200     | 1    | 100          | 3441          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0700 | 0,0800 | 0,0700 | 6           | 0,0800 | 0,0800     | 0    | 43           | 25592         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 1088          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,8000         | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1400     | 0    | 4            | 1140          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,0000         | C                 | EUR               | 0,5200 | 0,5200 | 0,4900 | 8           | 0,4900 | 0,5000     | 1    | 131          | 24840         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,0000         | P                 | EUR               | 0,1800 | 0,1900 | 0,1800 | 13          | 0,1900 | 0,2000     | 0    | 1508         | 26030         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,5000         | C                 | EUR               | 0,2300 | 0,2300 | 0,2100 | 9           | 0,2200 | 0,2200     | 0    | 114          | 16734         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,5000         | P                 | EUR               | 0,4200 | 0,4300 | 0,4200 | 3           | 0,4300 | 0,4500     | 0    | 127          | 13577         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0900 | 0,1000 | 0,0800 | 21          | 0,0900 | 0,0900     | 0    | 545          | 24691         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,0000         | P                 | EUR               | 0,7900 | 0,7900 | 0,7900 | 2           | 0,7900 | 0,8200     | 1    | 146          | 22915         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 10          | 0,0400 | 0,0400     | 0    | 100          | 3806          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 2697          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0100 | 9           | 0,0200 | 0,0100     | 0    | 90           | 30117         | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 7604          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 9546          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 3787          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 213           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6455          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 2310          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 234           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     | 7    | 0            | 232           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 862           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7700     | 10   | 0            | 3634          | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 36            | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 189           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 235           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 112           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 2239          | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,8000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 3           | 0,7000 | 0,7000     | 1    | 8            | 261           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 741           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,0000         | C                 | EUR               | 0,5800 | 0,5800 | 0,5800 | 2           | 0,5800 | 0,5500     | 1    | 30           | 6845          | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,0000         | P                 | EUR               | 0,2500 | 0,2700 | 0,2500 | 2           | 0,2700 | 0,2800     | 0    | 26           | 11072         | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,5000         | 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                | AGN                       | AEGON           | 15-3-2019   | 7,0000         | P                 | EUR               | 1,7600 | 1,7600 | 1,7600 | 1           | 1,7600 | 1,7800     | 2    | 75           | 346           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 350           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 138           | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     | 4    | 0            | 85            | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 94            | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 256           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 21            | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 454           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 40            | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 5635          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 1097          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 6668          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,5000         | C                 | EUR               | 0,9700 | 0,9700 | 0,9700 | 1           | 0,9700 | 0,9500     | 1    | 2            | 593           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 4718          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 200           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 117           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 4097          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 7450          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,5000         | C                 | EUR               | 0,3500 | 0,3600 | 0,3400 | 3           | 0,3400 | 0,3500     | 0    | 212          | 529           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,5000         | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6700     | 1    | 100          | 401           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,0000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2000 | 5           | 0,2000 | 0,2000     | 0    | 430          | 3954          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 2200          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     | 0    | 10           | 804           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 422           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2335          | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     | 3    | 0            | 840           | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     | 4    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 1,0000         | C                 | EUR               | 4,4100 | 4,4100 | 4,4100 | 2           | 4,4100 | 4,4000     | 4    | 6            | 30            | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 397           | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 77            | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1408          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 1728          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 6909          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 103           | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 5920          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 4,0000         | C                 | EUR               | 1,4600 | 1,4600 | 1,4600 | 1           | 1,4600 | 1,4200     | 1    | 300          | 6073          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 4,0000         | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1900     | 0    | 25           | 12738         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 4,5000         | C                 | EUR               | 1,0300 | 1,0300 | 1,0100 | 3           | 1,0100 | 0,9800     | 1    | 46           | 2523          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 13064         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 5,0000         | C                 | EUR               | 0,6800 | 0,6800 | 0,6600 | 3           | 0,6600 | 0,6500     | 1    | 16           | 19263         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 5,0000         | P                 | EUR               | 0,5500 | 0,5600 | 0,5500 | 3           | 0,5600 | 0,5600     | 1    | 16           | 9876          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 6,0000         | C                 | EUR               | 0,2700 | 0,2700 | 0,2600 | 5           | 0,2700 | 0,2700     | 0    | 40           | 23054         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 8924          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 14470         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 5452          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0500 | 0,0600 | 0,0500 | 3           | 0,0600 | 0,0700     | 0    | 30           | 11089         | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     | 3    | 0            | 3046          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 2           | 0,0200 | 0,0200     | 0    | 20           | 8707          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 10,0000        | P                 | EUR               | 4,9500 | 4,9600 | 4,9500 | 2           | 4,9600 | 5,0200     | 5    | 30           | 2880          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2193          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 336           | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2344          | 25-7-2018          |
| O                | AGN                       | AEGON           | 20-12-2019  | 15,0000        | P                 | EUR               | 9,9500 | 9,9500 | 9,9500 | 1           | 9,9500 | 10,0500    | 10   | 3            | 1383          | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 90            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 2             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 202           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 62            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 256           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 21            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 10            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 3             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 254           | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 10            | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | AGN                       | AEGON           | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 99            | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 23            | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 54            | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 169           | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 769           | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 1486          | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 2905          | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 1572          | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 1264          | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,0000         | C                 | EUR               | 1,4400 | 1,4400 | 1,4400 | 1           | 1,4400 | 1,4300     | 1    | 5            | 6299          | 25-7-2018          |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,0000         | P                 | EUR               | 0,3700 | 0,3700 | 0,370  |             |        |            |      |              |               |                    |



| 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                      | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 3828          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 18-12-2020  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 1809          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 18-12-2020  | 8,0000         | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 3           | 0,1200 | 0,1200     | 0    | 30           | 4976          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 1730          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 154           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 125           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 1645          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 3610          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 987           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 160           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 6396          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 3376          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 1349          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 1811          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 5,0000         | C                 | EUR               | 0,8200 | 0,8200 | 0,8000 | -           | 0,8000 | 0,7900     | 1    | 11           | 9698          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 3921          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 8425          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 1955          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 2942          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 799           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 4629          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     | 4    | 0            | 358           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 5471          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5000     | 6    | 0            | 347           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 3,0000         | C                 | EUR               | 2,4200 | 2,4200 | 2,4200 | 1           | 2,4200 | 2,4000     | 2    | 2            | 578           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 3,0000         | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,3000     | 0    | 33           | 637           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 66            | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 3,5000         | P                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,4800     | 0    | 2            | 385           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 4,0000         | C                 | EUR               | 1,4500 | 1,4900 | 1,4500 | 3           | 1,4600 | 1,4400     | 1    | 152          | 5944          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 4,0000         | P                 | EUR               | 0,6800 | 0,6800 | 0,6800 | 1           | 0,6800 | 0,7000     | 1    | 11           | 2529          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 5,0000         | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 5           | 0,8500 | 0,8400     | 1    | 202          | 17988         | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 5,0000         | P                 | EUR               | 1,2700 | 1,2800 | 1,2700 | 2           | 1,2800 | 1,2800     | 1    | 2            | 5488          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 5,5000         | C                 | EUR               | 0,6700 | 0,6700 | 0,6500 | 3           | 0,6500 | 0,6400     | 1    | 8            | 2680          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 5,5000         | P                 | EUR               | 1,5700 | 1,5700 | 1,5700 | 1           | 1,5700 | 1,6300     | 2    | 10           | 13943         | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 6,0000         | C                 | EUR               | 0,5100 | 0,5300 | 0,5100 | 5           | 0,5100 | 0,5200     | 1    | 41           | 9607          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 2386          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 690           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3    | 0            | 843           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 2715          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 858           | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1245          | 25-7-2018          |
| O                | AGN                       | AEGON                      | 16-12-2022  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     | 6    | 0            | 292           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     | 5    | 0            | 151           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 59            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     | 4    | 0            | 1088          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 373           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 18,0000        | C                 | EUR               | 3,5000 | 3,5000 | 3,5000 | 1           | 3,5000 | 3,5000     | 4    | 5            | 304           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 2           | 0,0200 | 0,0100     | 0    | 2            | 555           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 19,0000        | C                 | EUR               | 2,5200 | 2,5200 | 2,5200 | 1           | 2,5200 | 2,5100     | 3    | 1            | 1081          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 4           | 0,0400 | 0,0200     | 0    | 51           | 5966          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 19,5000        | C                 | EUR               | 2,0400 | 2,0400 | 2,0400 | 1           | 2,0400 | 2,0200     | 2    | 2            | 1191          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 19,5000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 8           | 0,0400 | 0,0400     | 0    | 37           | 6106          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 20,0000        | C                 | EUR               | 1,5400 | 1,5400 | 1,5400 | 2           | 1,5400 | 1,5400     | 2    | 30           | 1003          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 2085          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 11684         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 20,5000        | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 5            | 3971          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 21,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,6700 | 7           | 0,6700 | 0,6700     | 1    | 507          | 2446          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 21,0000        | P                 | EUR               | 0,1800 | 0,2000 | 0,1800 | 3           | 0,2000 | 0,1900     | 0    | 7            | 920           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 21,5000        | C                 | EUR               | 0,3500 | 0,3800 | 0,3500 | 6           | 0,3600 | 0,3600     | 0    | 11           | 1236          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 21,5000        | P                 | EUR               | 0,3600 | 0,3800 | 0,3600 | 8           | 0,3800 | 0,3900     | 0    | 29           | 570           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1788          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 22,0000        | P                 | EUR               | 0,6700 | 0,6700 | 0,6700 | 1           | 0,6700 | 0,6800     | 1    | 9            | 403           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 22,5000        | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     | 0    | 52           | 86            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 3             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 37            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 301           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 38            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4800    | 12   | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4800    | 11   | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 288           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4800     | 9    | 0            | 120           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1433          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     | 7    | 0            | 159           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 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 | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 3209          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 19,0000        | C                 | EUR               | 2,6000 | 2,6000 | 2,6000 | 1           | 2,6000 | 2,5600     | 3    | 16           | 10697         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0900     | 0    | 1            | 6760          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 272           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 2402          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 20,0000        | C                 | EUR               | 1,6100 | 1,6300 | 1,6100 | 3           | 1,6300 | 1,6200     | 2    | 7            | 7075          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 20,0000        | P                 | EUR               | 0,1500 | 0,1500 | 0,1400 | 5           | 0,1500 | 0,1500     | 0    | 117          | 7152          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 20,5000        | C                 | EUR               | 1,1900 | 1,1900 | 1,1900 | 2           | 1,1900 | 1,1800     | 1    | 5            | 1786          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 20,5000        | P                 | EUR               | 0,2200 | 0,2200 | 0,2100 | 5           | 0,2200 | 0,2200     | 0    | 100          | 826           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 21,0000        | C                 | EUR               | 0,8300 | 0,8300 | 0,7900 | 4           | 0,8100 | 0,8000     | 1    | 19           | 3931          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 21,0000        | P                 | EUR               | 0,3300 | 0,3300 | 0,3200 | 2           | 0,3300 | 0,3300     | 0    | 13           | 1999          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 21,5000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 2           | 0,5000 | 0,4900     | 0    | 11           | 1158          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 815           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 22,0000        | C                 | EUR               | 0,2700 | 0,2900 | 0,2700 | 5           | 0,2700 | 0,2700     | 0    | 6            | 2924          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 2079          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 412           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 50            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 126           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     | 3    | 0            | 849           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 12            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     | 5    | 0            | 794           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 7           | 0,0800 | 0,0800     | 0    | 7            | 280           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 151           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 75            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 21,0000        | C                 | EUR               | 0,9200 | 0,9200 | 0,9200 | 1           | 0,9200 | 0,8900     | 1    | 1            | 81            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 21,0000        | P                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 3           | 0,4200 | 0,4300     | 0    | 5            | 20            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 21,5000        | C                 | EUR               | 0,6200 | 0,6200 | 0,6200 | 1           | 0,6200 | 0,5900     | 1    | 1            | 190           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 111           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 22,0000        | C                 | EUR               | 0,3500 | 0,3600 | 0,3500 | 2           | 0,3600 | 0,3500     | 0    | 6            | 14            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 230           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4700    | 13   | 0            | 75            | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4500    | 13   | 0            | 205           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 183           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4600    | 11   | 0            | 118           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4400    | 11   | 0            | 165           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1032          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4600     | 9    | 0            | 405           | 25-7-2018          |
| 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          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4300     | 9    | 0            | 338           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2974          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     | 7    | 0            | 526           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2175          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4500     | 7    | 0            | 525           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2958          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5300     | 7    | 0            | 562           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 8457          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 257           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0200        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0900     | 0    | 12           | 1490          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4900     | 6    | 0            | 2040          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 2972          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 16,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5500     | 6    | 0            | 2169          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 16,0200        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1100     | 0    | 2            | 9160          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5900     | 5    | 0            | 603           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 17,0000        | P                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 2           | 0,1400 | 0,1400     | 0    | 55           | 10810         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0000        | C                 | EUR               | 3,6400 | 3,6400 | 3,6400 | 2           | 3,6400 | 3,6500     | 4    | 16           | 6161          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 17525         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0300        | C                 | EUR               | 3,6200 | 3,6300 | 3,6100 | 3           | 3,6100 | 3,6200     | 4    | 21           | 7071          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0300        | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 2           | 0,2000 | 0,1900     | 0    | 2            | 2744          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 6863          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,0000        | P                 | EUR               | 0,2700 | 0,2800 | 0,2700 | 2           | 0,2800 | 0,2700     | 0    | 4            | 27641         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 26249         | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0000        | P                 | EUR               | 0,4100 | 0,4200 | 0,4100 | 5           | 0,4200 | 0,4200     | 0    | 29           | 9180          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0300        | C                 | EUR               | 1,8400 | 1,8600 | 1,8400 | 3           | 1,8400 | 1,8300     | 2    | 24           | 3284          | 25-7-2018          |
|                  |                           |                            |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 23,0000        | C                 | EUR               | 0,2700  | 0,2700 | 0,2700 | 1           | 0,2700 | 0,2700     | 0    | 5            | 830           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 259           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 24,0400        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1106          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 24,0400        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 3619          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 141           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4    | 0            | 774           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0400        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 631           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0400        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     | 4    | 0            | 2748          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 46            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     | 5    | 0            | 380           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     | 7    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 30,0500        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1736          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 30,0500        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,6100     | 9    | 0            | 966           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 35,0500        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,6100    | 14   | 0            | 1363          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 178           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 108           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5400     | 8    | 0            | 89            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 537           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,5900     | 6    | 0            | 40            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 983           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 414           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 1746          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 19,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 1086          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 479           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 20,0000        | C                 | EUR               | 2,0500  | 2,0500 | 2,0500 | 1           | 2,0500 | 2,0500     | 2    | 15           | 854           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 20,0000        | P                 | EUR               | 0,6200  | 0,6200 | 0,6200 | 1           | 0,6200 | 0,6300     | 1    | 1            | 500           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 2529          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 21,0000        | P                 | EUR               | 0,9100  | 0,9500 | 0,9100 | 2           | 0,9500 | 0,9400     | 1    | 20           | 1009          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 1074          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 22,0000        | P                 | EUR               | 1,4000  | 1,4000 | 1,4000 | 2           | 1,4000 | 1,4100     | 1    | 20           | 599           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 23,0000        | C                 | EUR               | 0,4800  | 0,4900 | 0,4800 | 2           | 0,4900 | 0,4700     | 0    | 20           | 20            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 115           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     | 3    | 0            | 53            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 50            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 26,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     | 5    | 0            | 449           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     | 7    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,4900    | 11   | 0            | 301           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1507          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,5400     | 10   | 0            | 143           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 3594          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 14,0000        | C                 | EUR               | 7,5000  | 7,5000 | 7,5000 | 1           | 7,5000 | 7,5400     | 8    | 5            | 307           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 729           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     | 6    | 0            | 622           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 16,0000        | P                 | EUR               | 0,2700  | 0,2700 | 0,2700 | 1           | 0,2700 | 0,2600     | 0    | 1            | 3727          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 2044          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 18,0000        | P                 | EUR               | 0,5200  | 0,5200 | 0,5200 | 1           | 0,5200 | 0,5300     | 1    | 10           | 1770          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     | 3    | 0            | 88            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 19,0000        | P                 | EUR               | 0,7300  | 0,7300 | 0,7300 | 2           | 0,7300 | 0,7400     | 1    | 18           | 891           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 4851          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 20,0000        | P                 | EUR               | 1,0100  | 1,0400 | 1,0100 | 2           | 1,0400 | 1,0400     | 1    | 15           | 1268          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 21,0000        | C                 | EUR               | 1,5200  | 1,5200 | 1,5200 | 1           | 1,5200 | 1,5000     | 2    | 1            | 1231          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 2078          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 22,0000        | C                 | EUR               | 1,0000  | 1,0000 | 0,9700 | 2           | 0,9700 | 0,9800     | 1    | 12           | 2449          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 1611          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 23,0000        | C                 | EUR               | 0,6100  | 0,6100 | 0,6100 | 1           | 0,6100 | 0,6000     | 1    | 8            | 75            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 18            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 24,0000        | C                 | EUR               | 0,3300  | 0,3300 | 0,3300 | 2           | 0,3300 | 0,3400     | 0    | 20           | 499           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     | 4    | 0            | 42            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 2041          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 450           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 40            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,2600     | 7    | 0            | 420           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 8,0100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,4800    | 13   | 0            | 26            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 8,0100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 298           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 10,0200        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,4900    | 11   | 0            | 65            | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 10,0200        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 876           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 265           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 3254          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 14,0200        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5400     | 8    | 0            | 512           | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 14,0200        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 2286          | 25-7-2018          |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 15,0000        |                   |                   |         |        |        |             |        |            |      |              |               |                    |



| 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 Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|-----------|
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 18,0300        | P                 | EUR               | 0,8200 | 0,8200 | 0,8200 | 1           | 0,8200 | 0,8200     | 1    | 4            | 5178          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 1089          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,4500     | 1    | 9            | 361           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     | 2    | 0            | 5482          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0300        | P                 | EUR               | 1,4600 | 1,4600 | 1,4600 | 1           | 1,4600 | 1,4600     | 1    | 10           | 5504          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0000        | C                 | EUR               | 1,2700 | 1,2700 | 1,2600 | 2           | 1,2600 | 1,2600     | 1    | 5            | 1548          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 1330          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0300        | C                 | EUR               | 1,2600 | 1,2600 | 1,2600 | 1           | 1,2600 | 1,2500     | 1    | 9            | 2504          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     | 2    | 0            | 2835          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 15            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 0    | 0            | 100           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 183           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 571           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 1802          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     | 5    | 0            | 3517          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 30,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 919           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 30,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     | 9    | 0            | 337           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 35,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 953           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 35,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3600    | 14   | 0            | 450           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5900     | 7    | 0            | 0             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 142           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     | 4    | 0            | 45            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 18,0000        | P                 | EUR               | 1,2100 | 1,2100 | 1,2100 | 3           | 1,2100 | 1,2300     | 1    | 226          | 235           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 125           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 20,0000        | P                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 2,0400     | 2    | 4            | 17            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 22,0000        | C                 | EUR               | 1,4800 | 1,4800 | 1,4800 | 1           | 1,4800 | 1,4700     | 1    | 3            | 35            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 1             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 24,0000        | C                 | EUR               | 0,7800 | 0,7800 | 0,7800 | 1           | 0,7800 | 0,7900     | 1    | 4            | 4             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     | 5    | 0            | 0             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     | 5    | 0            | 0             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4800    | 13   | 0            | 0             | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 74            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 10,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4700    | 11   | 0            | 224           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 10,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 291           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 117           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 452           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 256           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 6307          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     | 7    | 0            | 163           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 1057          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 15,0200        | C                 | EUR               | 6,6500 | 6,6500 | 6,6500 | 1           | 6,6500 | 6,6200     | 7    | 4            | 1122          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 15,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 640           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     | 6    | 0            | 709           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 371           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 18,0300        | C                 | EUR               | 4,0500 | 4,0500 | 4,0500 | 1           | 4,0500 | 4,0200     | 4    | 2            | 6570          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 18,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 2554          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 20,0000        | C                 | EUR               | 2,6800 | 2,6800 | 2,6800 | 1           | 2,6800 | 2,6900     | 3    | 1            | 453           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 20,0000        | P                 | EUR               | 2,2800 | 2,2800 | 2,2800 | 1           | 2,2800 | 2,3100     | 2    | 1            | 231           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 20,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     | 3    | 0            | 2161          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 20,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     | 2    | 0            | 2413          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 22,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 540           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 22,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 680           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 10            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8300     | 5    | 0            | 52            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 220           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6300     | 6    | 0            | 120           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 25,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 727           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 25,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     | 6    | 0            | 525           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 116           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1100    | 10   | 0            | 70            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 30,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 467           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 30,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1500    | 10   | 0            | 433           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4900    | 13   | 0            | 11            | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 349           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4900    | 11   | 0            | 255           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 682           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 363           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 1172          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 448           | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 14,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8600     | 1    | 2            | 1475          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 15,0000        | C                 | EUR               | 6,6500 | 6,7000 | 6,6500 | 2           | 6,7000 | 6,6400     | 7    | 35           | 5481          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 3203          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7700     | 6    | 0            | 1498          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 1024          | 25-7-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke | 17-12-2021  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     | 5    | 0            | 128           | 25-7-2018 |
| O                | AH                        |                            |             |                |                   |                   |        |        |        |             |        |            |      |              |               |           |



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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                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     | 3    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     | 5    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2400     | 7    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     | 6    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 1             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     | 5    | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,3422    | 78   | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,3152    | 78   | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0936    | 78   | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0451    | 78   | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,9855    | 78   | 0            | 0             | 25-7-2018          |
| F                | AK6                       | Akzo Nobel NV - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,9839    | 77   | 0            | 0             | 25-7-2018          |
| F                | AK8                       | Akzo Nobel - Dividend Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 10            | 25-7-2018          |
| F                | AK8                       | Akzo Nobel - Dividend Future               | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 0             | 25-7-2018          |
| F                | AK8                       | Akzo Nobel - Dividend Future               | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| F                | AK8                       | Akzo Nobel - Dividend Future               | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| F                | AK8                       | Akzo Nobel - Dividend Future               | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0000    | 31   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2600    | 26   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5300    | 22   | 0            | 30            | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 173           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    | 12   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 337           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 71,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5300     | 8    | 0            | 702           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 71,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 174           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 236           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 128           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 80,5100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 135           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 80,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     | 3    | 0            | 294           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 67            | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2200     | 7    | 0            | 300           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 15            | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4400    | 16   | 0            | 10            | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-9-2018   | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,3700    | 35   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,0100    | 50   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 550           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5100    | 41   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1773          | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 42,6200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7800    | 36   | 0            | 0             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 42,6200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 210           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0600    | 31   | 0            | 3             | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 432           | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,3100    | 26   | 0            | 16            | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1199          | 25-7-2018          |
| O                | AKO                       | AKZO NOBEL OLD                             | 21-12-2018  | 56,8300        | 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 Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|-----------|
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1400    | 17   | 0            | 317           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 246           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7900    | 36   | 0            | 149           | 25-7-2018 |
| 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            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,1300    | 64   | 0            | 172           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,0600    | 50   | 0            | 0             | 25-7-2018 |
| 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             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5600    | 41   | 0            | 0             | 25-7-2018 |
| 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             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1300    | 31   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 25            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8600    | 22   | 0            | 80            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 174           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5300    | 14   | 0            | 183           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 314           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0600     | 7    | 0            | 1259          | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 171           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     | 3    | 0            | 54            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2900    | 11   | 0            | 47            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 400           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0900    | 19   | 0            | 34            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,0300    | 50   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 131           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5300    | 41   | 0            | 26            | 25-7-2018 |
| 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           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 42,6200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8300    | 36   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 42,6200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 107           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1600    | 31   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 461           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,5100    | 27   | 0            | 8             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 370           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0800    | 22   | 0            | 35            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 547           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2100    | 14   | 0            | 635           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 576           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     | 8    | 0            | 429           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     | 7    | 0            | 1187          | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 165           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9900    | 13   | 0            | 47            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 546           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4900    | 20   | 0            | 192           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 264           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,9200    | 38   | 0            | 12            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 142,0800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 110           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,0700    | 66   | 0            | 81            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,0300    | 50   | 0            | 6             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 251           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5300    | 41   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 98            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 42,6200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8600    | 36   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 42,6200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 129           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2100    | 31   | 0            | 2             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 157           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7600    | 27   | 0            | 14            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 213           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5300    | 23   | 0            | 60            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3    | 0            | 213           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 61,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6800    | 19   | 0            | 105           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 61,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     | 4    | 0            | 123           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2600    | 15   | 0            | 75            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     | 6    | 0            | 82            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 71,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2800    | 12   | 0            | 93            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 71,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     | 8    | 0            | 37            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7600     | 10   | 0            | 156           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1500    | 10   | 0            | 49            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     | 4    | 0            | 169           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4400    | 23   | 0            | 36            | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 142,0800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 67,9200    | 68   | 0            | 121           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,0300    | 50   | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5600    | 41   | 0            | 5             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 296           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3100    | 31   | 0            | 7             | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 195           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9100    | 23   | 0            | 106           | 25-7-2018 |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 56,8300        | P                 | EUR               | 4,2000 | 4,2000 | 4,2000 |             |        |            |      |              |               |           |



| 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  | 142,0800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 53 25-7-2018       |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,2400    |      | 69           | 0             | 48 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3600    |      | 18           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3600    |      | 14           | 0             | 3 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3800    |      | 10           | 0             | 24 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 135 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 72,0000        | C                 | EUR               | 6,4000 | 6,4000 | 6,4000 | 1           | 6,4000 | 6,4300     |      | 6            | 1             | 102 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0600 | 0,0600 | 0,0500 | 3           | 0,0500 | 0,0500     |      | 4            | 45            | 4426 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 0            | 0             | 132 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 729 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 76,0000        | C                 | EUR               | 2,8000 | 2,8000 | 2,5200 | 15          | 2,5500 | 2,6900     |      | 3            | 15            | 6584 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 76,0000        | P                 | EUR               | 0,3600 | 0,3600 | 0,2900 | 5           | 0,2900 | 0,3300     |      | 0            | 26            | 219 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 78,0000        | C                 | EUR               | 1,2700 | 1,4000 | 1,2700 | 4           | 1,3600 | 1,3000     |      | 1            | 31            | 729 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 78,0000        | P                 | EUR               | 0,9500 | 1,0000 | 0,8400 | 8           | 0,9500 | 0,9400     |      | 1            | 27            | 292 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 80,0000        | C                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,4900     |      | 0            | 4             | 429 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 80,0000        | P                 | EUR               | 2,1400 | 2,1400 | 2,1200 | 6           | 2,1200 | 2,1400     |      | 2            | 100           | 124 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 21 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 84,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0600     |      | 0            | 1             | 46 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 84,0000        | P                 | EUR               | 5,6700 | 5,6700 | 5,6700 | 1           | 5,6700 | 5,7200     |      | 6            | 1             | 12 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6700     |      | 10           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 17-8-2018   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6600    |      | 14           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0000    |      | 31           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3600    |      | 28           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 16 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2600    |      | 26           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 8 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5300    |      | 22           | 0             | 341 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 207 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3600    |      | 18           | 0             | 5 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3800    |      | 14           | 0             | 26 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 1 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    |      | 12           | 0             | 10 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 66,3000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0700     |      | 0            | 6             | 452 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4800    |      | 10           | 0             | 24 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 158 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 71,0400        | C                 | EUR               | 7,5000 | 7,5000 | 7,5000 | 1           | 7,5000 | 7,5300     |      | 8            | 10            | 826 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 71,0400        | P                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2300     |      | 0            | 10            | 1511 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     |      | 7            | 0             | 71 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 133 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9200     |      | 5            | 0             | 584 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 74,0000        | P                 | EUR               | 0,5500 | 0,5600 | 0,5500 | 2           | 0,5600 | 0,5400     |      | 1            | 2             | 341 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 75,7800        | C                 | EUR               | 3,5500 | 3,5500 | 3,5500 | 1           | 3,5500 | 3,5500     |      | 4            | 3             | 2998 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 75,7800        | P                 | EUR               | 1,0000 | 1,0000 | 0,9500 | 4           | 0,9800 | 0,9600     |      | 1            | 6             | 911 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 78,0000        | C                 | EUR               | 2,1000 | 2,1600 | 2,1000 | 4           | 2,1400 | 2,1600     |      | 2            | 19            | 432 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 78,0000        | P                 | EUR               | 1,8400 | 1,8500 | 1,7700 | 5           | 1,8500 | 1,8200     |      | 2            | 10            | 206 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 80,5100        | C                 | EUR               | 1,0100 | 1,1500 | 1,0100 | 4           | 1,1500 | 1,1200     |      | 1            | 16            | 3667 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 80,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     |      | 3            | 0             | 324 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 85,2500        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2700     |      | 0            | 2             | 566 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 85,2500        | P                 | EUR               | 7,1700 | 7,1700 | 7,1700 | 1           | 7,1700 | 7,2200     |      | 7            | 1             | 266 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 11 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8200     |      | 10           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 166 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7700    |      | 12           | 0             | 198 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7400    |      | 14           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 51 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4400    |      | 16           | 0             | 96 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7000    |      | 22           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-9-2018   | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,3700    |      | 35           | 0             | 10 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4600    |      | 14           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6100    |      | 11           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0600     |      | 7            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 72,0000        | P                 | EUR               | 0,7800 | 0,7800 | 0,7800 | 1           | 0,7800 | 0,7500     |      | 1            | 2             | 13 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 76,0000        | C                 | EUR               | 4,0000 | 4,0000 | 4,0000 | 1           | 4,0000 | 4,0800     |      | 4            | 10            | 23 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 76,0000        | P                 | EUR               | 1,8300 | 1,8300 | 1,8000 | 2           | 1,8000 | 1,8300     |      | 2            | 4             | 42 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 78,0000        | C                 | EUR               | 2,9000 | 2,9000 | 2,8600 | 2           | 2,8600 | 2,9400     |      | 3            | 11            | 17 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 78,0000        | 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                | AKZ                       | AKZO NOBEL      | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 14,0900    |      | 14           | 0             | 163 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 50,0100    |      | 50           | 0             | 20 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 552 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 40,5100    |      | 41           | 0             | 4 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 37,8900        | P                 | EUR               | 0,0200  | 0,0200  | 0,0200  | -           | 1 0,0200  | 0,0100     |      | 0            | 3             | 1801 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 35,7800    |      | 36           | 0             | 20 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 189 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 31,0600    |      | 31           | 0             | 13 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 424 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 28,4100    |      | 28           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 23 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 26,3100    |      | 26           | 0             | 18 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 1124 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 21,6100    |      | 22           | 0             | 127 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 56,8300        | P                 | EUR               | 0,0900  | 0,0900  | 0,0900  | -           | 1 0,0900  | 0,0900     |      | 0            | 10            | 522 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 12,4800    |      | 12           | 0             | 1779 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,4900     |      | 0            | 0             | 5579 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 9,2300     |      | 9            | 0             | 237 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 70,0000        | P                 | EUR               | 1,0100  | 1,0100  | 0,9700  | -           | 2 0,9700  | 1,0500     |      | 1            | 30            | 2146 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 7,6300     |      | 8            | 0             | 1711 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 72,0000        | P                 | EUR               | 1,5000  | 1,5000  | 1,4800  | -           | 5 1,4800  | 1,4700     |      | 1            | 24            | 167 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 75,7800        | C                 | EUR               | 5,1700  | 5,1700  | 5,1700  | -           | 1 5,1700  | 5,0800     |      | 5            | 1             | 5085 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 75,7800        | P                 | EUR               | 2,7400  | 2,7800  | 2,7000  | -           | 4 2,7800  | 2,7800     |      | 3            | 12            | 2544 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 80,0000        | C                 | EUR               | 2,9500  | 2,9500  | 2,9500  | -           | 3 2,9500  | 2,9700     |      | 3            | 9             | 5107 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 4,8500     |      | 5            | 0             | 487 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 85,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 1,3800     |      | 1            | 0             | 1831 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 85,2500        | P                 | EUR               | 8,5600  | 8,5600  | 8,5600  | -           | 1 8,5600  | 8,6400     |      | 9            | 3             | 479 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,6700     |      | 1            | 0             | 441 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 90,0000        | P                 | EUR               | 12,6000 | 12,6000 | 12,6000 | -           | 1 12,6000 | 12,6900    |      | 13           | 5             | 239 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,3700     |      | 0            | 0             | 633 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 17,1400    |      | 17           | 0             | 392 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1700     |      | 0            | 0             | 10 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 22,2700    |      | 22           | 0             | 104 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 113,6600       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0400     |      | 0            | 0             | 221 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 113,6600       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 35,7900    |      | 36           | 0             | 169 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 10 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 64,1300    |      | 64           | 0             | 283 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 28,4800    |      | 28           | 0             | 1 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0700     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 23,5300    |      | 24           | 0             | 30 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1400     |      | 0            | 0             | 4 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 18,7100    |      | 19           | 0             | 65 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,3700     |      | 0            | 0             | 181 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 10,0600    |      | 10           | 0             | 137 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 70,0000        | P                 | EUR               | 1,8100  | 1,8100  | 1,8100  | -           | 2 1,8100  | 1,8300     |      | 2            | 20            | 375 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 6,7100     |      | 7            | 0             | 174 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 75,0000        | P                 | EUR               | 3,4900  | 3,4900  | 3,4900  | -           | 1 3,4900  | 3,5000     |      | 4            | 10            | 491 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 80,0000        | C                 | EUR               | 4,2000  | 4,2000  | 4,2000  | -           | 1 4,2000  | 4,1700     |      | 4            | 10            | 1376 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 5,9700     |      | 6            | 0             | 902 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 2,4600     |      | 2            | 0             | 100 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 85,0000        | P                 | EUR               | 9,2000  | 9,2000  | 9,2000  | -           | 1 9,2000  | 9,3200     |      | 9            | 10            | 164 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 1,4000     |      | 1            | 0             | 84 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 13,2900    |      | 13           | 0             | 89 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,4900     |      | 0            | 0             | 128 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 22,4700    |      | 22           | 0             | 44 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1800     |      | 0            | 0             | 10 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 32,2400    |      | 32           | 0             | 16 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1100     |      | 0            | 0             | 20 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 42,1900    |      | 42           | 0             | 14 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 50,0600    |      | 50           | 0             | 20 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 5 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 40,5600    |      | 41           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 31,1300    |      | 31           | 0             | 11 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1100     |      | 0            | 0             | 36 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 28,5300    |      | 29           | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,1700     |      | 0            | 0             | 0 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 21,8600    |      | 22           | 0             | 70 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 0,5200     |      | 1            | 0             | 162 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 13,5300    |      | 14           | 0             | 228 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 66,3000        | P                 | EUR               | 1,9500  | 1,9500  | 1,9500  | -           | 1 1,9500  | 2,0200     |      | 2            | 10            | 334 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 10,6800    |      | 11           | 0             | 8 25-7-2018        |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 70,0000        | P                 | EUR               | 3,1200  | 3,1200  | 3,1200  | -           | 1 3,1200  | 3,0900     |      | 3            | 1             | 148 25-7-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 9,3300     |      | 9            | 0             | 94 25-7-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 72,0000        | P                 | EUR               | 3,7500  | 3,7500  | 3,7500  | -           | 1 3,7500  | 3,7800     |      | 4            | 1             | 1224 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 7,0600     |      | 7            | 0             | 1679 25-7-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000    | 5,4500     |      | 5            | 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      | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     |      | 1            | 0             | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9700    |      | 24           | 0             | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     |      | 0            | 0             | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,5900    |      | 34           | 0             | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,0300    |      | 50           | 0             | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 131           | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,5300    |      | 41           | 0             | 11                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 441           | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8300    |      | 36           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     |      | 0            | 111           | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,1600    |      | 31           | 1             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     |      | 0            | 364           | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,5100    |      | 27           | 0             | 13                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     |      | 1            | 0             | 446                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,0800    |      | 22           | 0             | 141                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2400     |      | 1            | 0             | 578                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2100    |      | 14           | 0             | 1037               | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 66,3000        | P                 | EUR               | 3,2700  | 3,2700  | 3,2700  | 1           | 3,2700  | 3,3400     |      | 3            | 1             | 2590               | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1600     |      | 8            | 0             | 558                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 75,7800        | P                 | EUR               | 7,2500  | 7,2500  | 7,2500  | 1           | 7,2500  | 7,1200     |      | 7            | 5             | 2061               | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1800     |      | 6            | 0             | 3178               | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5400     |      | 10           | 0             | 581                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 85,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3700     |      | 4            | 0             | 497                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 85,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9900    |      | 13           | 0             | 165                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1500     |      | 3            | 0             | 192                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,6200    |      | 17           | 0             | 3                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2200     |      | 2            | 0             | 422                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,4900    |      | 20           | 0             | 196                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 113,6600       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5900     |      | 1            | 0             | 235                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 113,6600       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,9200    |      | 38           | 0             | 30                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 76                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,0700    |      | 66           | 0             | 86                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,7600    |      | 29           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     |      | 1            | 0             | 8                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,6800    |      | 20           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7300     |      | 3            | 0             | 5                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2300    |      | 12           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1700     |      | 6            | 0             | 3                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1100     |      | 7            | 0             | 23                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4500    |      | 11           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8900     |      | 4            | 0             | 3                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,5400    |      | 19           | 0             | 5                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     |      | 2            | 0             | 3                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,9700    |      | 27           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,6800    |      | 46           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,0300    |      | 50           | 0             | 6                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 251           | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,5300    |      | 41           | 0             | 1                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 90            | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8600    |      | 36           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5900     |      | 1            | 0             | 119                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,2100    |      | 31           | 0             | 10                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0700     |      | 1            | 0             | 149                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,7600    |      | 27           | 0             | 10                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7400     |      | 2            | 0             | 228                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5300    |      | 23           | 0             | 73                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7600     |      | 3            | 0             | 223                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 61,5700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,6800    |      | 19           | 0             | 97                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 61,5700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0400     |      | 4            | 0             | 166                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2600    |      | 15           | 0             | 145                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7000     |      | 6            | 0             | 103                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 71,0400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2800    |      | 12           | 0             | 129                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 71,0400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7200     |      | 8            | 0             | 80                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 75,7800        | C                 | EUR               | 9,8500  | 9,8500  | 9,8500  | 1           | 9,8500  | 9,7600     |      | 10           | 2             | 184                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 75,7800        | P                 | EUR               | 10,1000 | 10,1000 | 10,1000 | 1           | 10,1000 | 10,1500    |      | 10           | 3             | 43                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8800     |      | 8            | 0             | 6                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6500    |      | 13           | 0             | 512                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6500     |      | 5            | 0             | 250                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,6400    |      | 20           | 0             | 203                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5900     |      | 4            | 0             | 224                | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,4400    |      | 23           | 0             | 45                 | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,3200    |      | 46           | 0             | 0                  | 25-7-2018 |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 93            | 25-7-2018          |           |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 142,0800       | 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                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 66,3000        | P                 | EUR               | 7,6500  | 7,6500  | 7,6500  | 1           | 7,6500  | 7,6200     | 8    | 5            | 205           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 71,0400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2600    | 13   | 0            | 133           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 71,0400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8700     | 10   | 0            | 123           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9300    | 11   | 0            | 275           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4500    | 12   | 0            | 128           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1300     | 9    | 0            | 42            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,0200    | 15   | 0            | 2             | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7200     | 5    | 0            | 234           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,6400    | 26   | 0            | 143           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5600     | 1    | 0            | 43            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 17-12-2021  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,2400    | 69   | 0            | 35            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,0100    | 29   | 0            | 69            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3700     | 3    | 0            | 172           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,9600    | 21   | 0            | 248           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6000     | 7    | 0            | 109           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7100    | 15   | 0            | 48            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 70,0000        | P                 | EUR               | 11,1500 | 11,1500 | 10,9800 | 2           | 10,9800 | 11,1200    | 11   | 6            | 93            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 80,0000        | C                 | EUR               | 10,2500 | 10,2500 | 10,2200 | 2           | 10,2200 | 10,1300    | 10   | 6            | 185           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 80,0000        | P                 | EUR               | 17,1000 | 17,1000 | 16,8600 | 2           | 16,8600 | 16,9700    | 17   | 7            | 196           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 100,0000       | C                 | EUR               | 4,6700  | 4,6700  | 4,6700  | 1           | 4,6700  | 4,6500     | 5    | 5            | 135           | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,8200    | 32   | 0            | 51            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2100     | 2    | 0            | 0             | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,5300    | 50   | 0            | 0             | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     | 1    | 0            | 27            | 25-7-2018          |
| O                | AKZ                       | AKZO NOBEL              | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 78,1400    | 78   | 0            | 40            | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 4,0000         | C                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 4,7400     | 5    | 10           | 907           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1093          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 4,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2600     | 4    | 0            | 38            | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 4,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 244           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 5,0000         | C                 | EUR               | 3,9000  | 3,9000  | 3,9000  | 1           | 3,9000  | 3,8100     | 4    | 3            | 199           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 5,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1684          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 5,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3700     | 3    | 0            | 56            | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 5,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 181           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9600     | 3    | 0            | 303           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 254           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 6,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3100     | 2    | 0            | 270           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 6,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 1            | 13031         | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8300     | 2    | 0            | 908           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 36894         | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 7,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     | 1    | 0            | 635           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 7,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 12053         | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0400     | 1    | 0            | 12587         | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 8577          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 8,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6900     | 1    | 0            | 1354          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 8,5000         | P                 | EUR               | 0,4000  | 0,4500  | 0,4000  | 2           | 0,4500  | 0,4800     | 0    | 20           | 2088          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     | 0    | 0            | 2064          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     | 1    | 0            | 12616         | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 9,5000         | C                 | EUR               | 0,3700  | 0,3700  | 0,3700  | 1           | 0,3700  | 0,2800     | 0    | 1            | 1327          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 9,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0500     | 1    | 0            | 342           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 5151          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4500     | 1    | 0            | 960           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 1658          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3400     | 2    | 0            | 341           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 2795          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 12,0000        | P                 | EUR               | 3,1200  | 3,1200  | 3,1200  | 1           | 3,1200  | 3,3100     | 3    | 1            | 552           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 6545          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2800     | 4    | 0            | 355           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1155          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2800     | 5    | 0            | 1550          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1803          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2800     | 6    | 0            | 190           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2031          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2800     | 7    | 0            | 282           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 829           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     | 8    | 0            | 99            | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 5412          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,2900     | 9    | 0            | 332           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2512          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    | 10   | 0            | 155           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2379          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2900    | 11   | 0            | 242           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 324           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2900    | 13   | 0            | 98            | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 3114          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2900    | 15   | 0            | 3102          | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 265           | 25-7-2018          |
| O                | ALT                       | Altice ex-event package | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2900    | 17   | 0            | 800           | 25-7-2018          |
| O                | ALT                       | A                       |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| 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                | ALT                       | Alice ex-event package             | 21-12-2018  | 8,0000         | C                 | EUR               | 1,4000 | 1,4000 | 1,3000 | 5           | 1,3600 | 1,3700     |      | 1            | 18            | 21504              | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 8,0000         | P                 | EUR               | 0,5100 | 0,5500 | 0,5100 | 2           | 0,5500 | 0,4200     |      | 0            | 2             | 1120               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 8,5000         | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9600     |      | 1            | 1             | 2226               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 1133               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 2274               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 9,0000         | P                 | EUR               | 0,9500 | 0,9500 | 0,9400 | 2           | 0,9400 | 1,0500     |      | 1            | 2             | 7429               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 5131               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 2096               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 10,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 3           | 0,5000 | 0,4400     |      | 0            | 52            | 1686               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 714                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 11,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2900     |      | 0            | 2             | 2240               | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     |      | 3            | 0             | 243                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 12,0000        | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1500     |      | 0            | 2             | 11452              | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 357                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0600 | 0,0600 | 0,0500 | 2           | 0,0500 | 0,0400     |      | 0            | 10            | 946                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3000     |      | 5            | 0             | 846                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 352                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 222                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 252                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3000     |      | 8            | 0             | 88                 | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 129                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3000     |      | 9            | 0             | 172                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 73                 | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3000    |      | 10           | 0             | 26                 | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 232                | 25-7-2018 |
| O                | ALT                       | Alice ex-event package             | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3000    |      | 11           | 0             | 235                | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1434    |      | 73           | 0             | 0                  | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1182    |      | 73           | 0             | 0                  | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,0980    |      | 73           | 0             | 0                  | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,0526    |      | 73           | 0             | 0                  | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,4870    |      | 72           | 0             | 0                  | 25-7-2018 |
| F                | AMG                       | Amadeus IT Group SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,4387    |      | 72           | 0             | 0                  | 25-7-2018 |
| F                | AM8                       | Amadeus IT Group - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1350     |      | 1            | 0             | 5                  | 25-7-2018 |
| F                | AM8                       | Amadeus IT Group - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | AM8                       | Amadeus IT Group - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | AM8                       | Amadeus IT Group - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | AM8                       | Amadeus IT Group - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8900     |      | 10           | 0             | 18                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 56                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     |      | 8            | 0             | 13                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 71                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 131                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 4            | 0             | 43                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 46,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8000 | 4           | 0,8000 | 0,7900     |      | 1            | 72            | 272                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     |      | 4            | 0             | 54                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 47,0000        | P                 | EUR               | 1,1500 | 1,1500 | 1,0000 | 2           | 1,0000 | 1,0300     |      | 1            | 15            | 121                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 48,0000        | C                 | EUR               | 3,3000 | 3,3000 | 3,0000 | 2           | 3,0000 | 3,0400     |      | 3            | 2             | 77                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 48,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,3000 | 6           | 1,3000 | 1,3800     |      | 1            | 58            | 291                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 157                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 49,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,7500 | 4           | 1,7500 | 1,7700     |      | 2            | 55            | 241                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 50,0000        | C                 | EUR               | 1,9500 | 1,9500 | 1,9000 | 2           | 1,9000 | 1,9400     |      | 2            | 8             | 389                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 50,0000        | P                 | EUR               | 2,4000 | 2,4000 | 2,2000 | 4           | 2,2000 | 2,2900     |      | 2            | 52            | 374                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 51,0000        | C                 | EUR               | 1,5500 | 1,6000 | 1,5000 | 9           | 1,5000 | 1,5200     |      | 2            | 276           | 381                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 51,0000        | P                 | EUR               | 3,0000 | 3,0000 | 2,8000 | 7           | 2,9000 | 2,8700     |      | 3            | 146           | 734                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 52,0000        | C                 | EUR               | 1,1500 | 1,2500 | 1,1500 | 4           | 1,1500 | 1,1700     |      | 1            | 13            | 235                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 52,0000        | P                 | EUR               | 3,4000 | 3,5000 | 3,4000 | 2           | 3,5000 | 3,5200     |      | 4            | 51            | 93                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 88                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 53,0000        | P                 | EUR               | 4,0500 | 4,0500 | 4,0500 | 1           | 4,0500 | 4,2400     |      | 4            | 39            | 82                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 54,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 2           | 0,7000 | 0,6600     |      | 1            | 3             | 120                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 54,0000        | P                 | EUR               | 4,9500 | 4,9500 | 4,9500 | 1           | 4,9500 | 5,0200     |      | 5            | 10            | 44                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 56,0000        | C                 | EUR               | 0,4000 | 0,4000 | 0,3800 | 2           | 0,3800 | 0,3800     |      | 0            | 8             | 136                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 7            | 0             | 0                  | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 58,0000        | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2100     |      | 0            | 30            | 156                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5700     |      | 9            | 0             | 7                  | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 13                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4600    |      | 0            | 10            | 25-7-2018          |           |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8200    |      | 24           | 0             | 0                  | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 73                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8300    |      | 22           | 0             | 50                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 138                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8300    |      | 20           | 0             | 107                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 205                | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8400    |      | 18           | 0             | 49                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 24                 | 25-7-2018 |
| O                | AMG                       | AMG N.V.                           | 21-9-2018   | 34,0000        | 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                | AMG                       | AMG N.V.        | 21-9-2018   | 44,0000        | C                 | EUR               | 6,6000 | 6,6000 | 6,6000 | 1           | 6,6000 | 6,5300     | 7    | 7            | 533           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 688           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7700     | 6    | 0            | 569           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 289           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0700     | 5    | 0            | 182           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 46,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4300     | 1    | 1            | 376           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3600     | 4    | 0            | 17            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 47,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7300     | 2    | 1            | 50            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 48,0000        | C                 | EUR               | 3,8000 | 3,8000 | 3,8000 | 1           | 3,8000 | 3,7600     | 4    | 1            | 180           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 255           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     | 3    | 0            | 33            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 10            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 50,0000        | C                 | EUR               | 2,6000 | 2,8000 | 2,5000 | 8           | 2,6500 | 2,7300     | 3    | 36           | 751           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 361           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 70            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     | 4    | 0            | 26            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 194           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4    | 0            | 28            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 17            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     | 5    | 0            | 8             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 185           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     | 6    | 0            | 31            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 491           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4900     | 6    | 0            | 85            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 2             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     | 7    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 17            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0100     | 9    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 60,0000        | C                 | EUR               | 0,4700 | 0,4700 | 0,4700 | 1           | 0,4700 | 0,4500     | 0    | 1            | 408           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8200    | 11   | 0            | 143           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 100           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5000    | 21   | 0            | 10            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 72            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-9-2018   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4400    | 30   | 0            | 26            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4600     | 8    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9100     | 7    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     | 5    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 17            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 3             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     | 4    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 49,0000        | P                 | EUR               | 2,9000 | 2,9000 | 2,9000 | 2           | 2,9000 | 3,1000     | 3    | 5            | 5             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     | 3    | 0            | 1             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     | 4    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     | 4    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     | 5    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     | 2    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     | 6    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 10            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     | 8    | 0            | 0             | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8200    | 24   | 0            | 16            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 96            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8200    | 22   | 0            | 14            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 28,0000        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,0800     | 0    | 2            | 57            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8300    | 20   | 0            | 131           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1300     | 0    | 2            | 142           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8800    | 18   | 0            | 82            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 71            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9700    | 16   | 0            | 22            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 157           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1300    | 14   | 0            | 119           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 207           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3600    | 12   | 0            | 405           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 224           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6500    | 11   | 0            | 501           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 548           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0900     | 9    | 0            | 431           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 42,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,4900     | 1    | 6            | 434           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 44,0000        | C                 | EUR               | 7,8000 | 7,8000 | 7,8000 | 1           | 7,8000 | 7,6600     | 8    | 1            | 65            | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 525           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 45,0000        | C                 | EUR               | 7,0400 | 7,0400 | 7,0400 | 1           | 7,0400 | 7,0000     | 7    | 1            | 316           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 257           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 46,0000        | C                 | EUR               | 6,3000 | 6,3000 | 6,3000 | 1           | 6,3000 | 6,4300     | 6    | 8            | 218           | 25-7-2018          |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 46,0000        | P                 | 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                | AMG                       | AMG N.V.                  | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2200     |      | 7            | 0             | 94 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4900     |      | 2            | 0             | 242 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9100     |      | 8            | 0             | 232 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2400     |      | 2            | 0             | 32 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6700     |      | 9            | 0             | 14 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4600     |      | 1            | 0             | 471 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8900    |      | 12           | 0             | 144 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5600     |      | 1            | 0             | 213 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0000    |      | 21           | 0             | 22 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     |      | 0            | 0             | 82 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,7200    |      | 31           | 0             | 0 25-7-2018        |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,3900    |      | 15           | 0             | 70 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7900     |      | 1            | 0             | 33 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 40,0000        | C                 | EUR               | 11,3000 | 11,5000 | 11,3000 | 2           | 11,5000 | 11,3500    |      | 11           | 4             | 55 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 40,0000        | P                 | EUR               | 1,7000  | 1,7500  | 1,7000  | 2           | 1,7500  | 1,7600     |      | 2            | 3             | 61 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9700     |      | 8            | 0             | 34 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4100     |      | 3            | 0             | 96 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 46,0000        | C                 | EUR               | 7,5000  | 7,5500  | 7,5000  | 3           | 7,5500  | 7,3900     |      | 7            | 5             | 31 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8300     |      | 4            | 0             | 2 25-7-2018        |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 48,0000        | C                 | EUR               | 6,3900  | 6,4000  | 6,3900  | 2           | 6,4000  | 6,3300     |      | 6            | 3             | 986 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7800     |      | 5            | 0             | 35 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3800     |      | 5            | 0             | 451 25-7-2018      |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8300     |      | 6            | 0             | 37 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 52,0000        | C                 | EUR               | 4,5500  | 4,5500  | 4,5500  | 1           | 4,5500  | 4,6300     |      | 5            | 5             | 83 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0800     |      | 7            | 0             | 16 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 54,0000        | C                 | EUR               | 3,8500  | 3,8500  | 3,8500  | 1           | 3,8500  | 3,8800     |      | 4            | 25            | 36 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3300     |      | 8            | 0             | 57 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3500     |      | 2            | 0             | 59 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8200    |      | 13           | 0             | 2 25-7-2018        |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0800     |      | 1            | 0             | 22 25-7-2018       |
| O                | AMG                       | AMG N.V.                  | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5800    |      | 22           | 0             | 10 25-7-2018       |
| F                | AN6                       | Acciona SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,6644    |      | 69           | 0             | 0 25-7-2018        |
| F                | AN6                       | Acciona SA - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,6407    |      | 69           | 0             | 0 25-7-2018        |
| F                | AN6                       | Acciona SA - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,6218    |      | 69           | 0             | 0 25-7-2018        |
| F                | AN6                       | Acciona SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,5791    |      | 69           | 0             | 0 25-7-2018        |
| F                | AN6                       | Acciona SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,5268    |      | 69           | 0             | 0 25-7-2018        |
| F                | AN6                       | Acciona SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,4811    |      | 68           | 0             | 0 25-7-2018        |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 24,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3500    |      | 20           | 0             | 10 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 24,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 51 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 29,6700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4000    |      | 15           | 0             | 0 25-7-2018        |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 29,6700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 55 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 34,6100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,5500    |      | 11           | 0             | 50 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 34,6100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 111 25-7-2018      |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 39,5500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9600     |      | 6            | 0             | 53 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 39,5500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     |      | 0            | 0             | 50 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 44,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4000     |      | 2            | 0             | 144 25-7-2018      |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 44,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8900     |      | 2            | 0             | 2 25-7-2018        |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 49,4400        | C                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,6200     |      | 1            | 10            | 38 25-7-2018       |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 49,4400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0700     |      | 5            | 0             | 20 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8000    |      | 11           | 0             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8100     |      | 10           | 0             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8200     |      | 9            | 0             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 4             | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8500     |      | 7            | 0             | 1 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 61            | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9200     |      | 5            | 0             | 53 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 213           | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0000     |      | 4            | 0             | 2 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 35,0000        | P                 | EUR               | 0,2800  | 0,3100  | 0,2800  | 2           | 0,3100  | 0,2800     |      | 0            | 2             | 37 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1300     |      | 3            | 0             | 53 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 36,0000        | P                 | EUR               | 0,4100  | 0,4100  | 0,3900  | 6           | 0,4100  | 0,4400     |      | 0            | 45            | 0 25-7-2018        |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 37,0000        | C                 | EUR               | 2,4000  | 2,4000  | 2,4000  | 2           | 2,4000  | 2,3300     |      | 2            | 2             | 130 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 37,0000        | P                 | EUR               | 0,7000  | 0,7000  | 0,6500  | 2           | 0,6500  | 0,6700     |      | 1            | 6             | 149 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 38,0000        | C                 | EUR               | 1,7000  | 1,7000  | 1,7000  | 1           | 1,7000  | 1,6400     |      | 2            | 1             | 220 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 38,0000        | P                 | EUR               | 1,0500  | 1,0500  | 1,0500  | 1           | 1,0500  | 1,0300     |      | 1            | 3             | 164 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 39,0000        | C                 | EUR               | 1,1000  | 1,1000  | 1,1000  | 1           | 1,1000  | 1,0800     |      | 1            | 2             | 92 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 39,0000        | P                 | EUR               | 1,4500  | 1,5500  | 1,4500  | 5           | 1,5500  | 1,5100     |      | 2            | 34            | 110 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 40,0000        | C                 | EUR               | 0,7000  | 0,7500  | 0,7000  | 4           | 0,7500  | 0,6700     |      | 1            | 6             | 254 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 40,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 4           | 2,1000  | 2,1400     |      | 2            | 10            | 218 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 41,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     |      | 0            | 0             | 110 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 41,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8900     |      | 3            | 0             | 176 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 42,0000        | C                 | EUR               | 0,2500  | 0,2500  | 0,2100  | 3           | 0,2300  | 0,2300     |      | 0            | 3             | 90 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7400     |      | 4            | 0             | 65 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 43,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 106 25-7-2018      |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 43,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6600     |      | 5            | 0             | 73 25-7-2018       |
| O                | AP                        | Aperam Stnd Option        | 17-8-2018   | 44,0000        | 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                | AP                        | Aperam Std Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8000     |      | 10           | 0             | 25-7-2018          |           |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |           |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8100     |      | 9            | 0             | 25-7-2018          |           |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0800     |      | 0            | 15            | 107                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8300     |      | 8            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 10                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     |      | 7            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 51                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 28                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     |      | 5            | 0             | 0                  | 79        | 25-7-2018 |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 256                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 33                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 540                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 96                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 36,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7800     |      | 1            | 1             | 80                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 79                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 37                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 436                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 102                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 35                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 11                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 533                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     |      | 3            | 0             | 210                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 42,0000        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4400     |      | 0            | 2             | 212                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 227                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 44,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1800     |      | 0            | 5             | 470                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     |      | 6            | 0             | 262                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0600     |      | 0            | 10            | 460                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6200     |      | 8            | 0             | 183                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 91                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5900     |      | 10           | 0             | 94                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 121                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5700    |      | 12           | 0             | 80                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 92                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5600    |      | 17           | 0             | 189                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 119                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5600    |      | 22           | 0             | 22                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 15                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,5700    |      | 32           | 0             | 20                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8900     |      | 7            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0600     |      | 5            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     |      | 3            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 25                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 37,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,3300     |      | 1            | 10            | 10                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 38,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,7200     |      | 2            | 10            | 10                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 6                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 50                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 1                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2300     |      | 4            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     |      | 6            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    |      | 13           | 0             | 1                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 18                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8100    |      | 11           | 0             | 0                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 172                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8700     |      | 9            | 0             | 32                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 240                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0400     |      | 7            | 0             | 3                  | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 49                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3400     |      | 5            | 0             | 189                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 48                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     |      | 5            | 0             | 206                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 249                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     |      | 4            | 0             | 43                 | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 394                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 38,0000        | C                 | EUR               | 2,8000 | 2,8000 | 2,7500 | 3           | 2,8000 | 2,7000     |      | 3            | 10            | 250                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 522                | 25-7-2018 |           |
| O                | AP                        | Aperam Std Option | 21-12-2018  | 40,0000        | 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                | AP                        | Aperam Stnd Option    | 21-12-2018  | 48,0000        | P                 | EUR               | 10,0500 | 10,0500 | 10,0500 | 1           | 10,0500 | 10,1900    | 10   | 5            | 70            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 154           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1000    | 12   | 0            | 139           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 369           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0100    | 17   | 0            | 45            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 34            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,0000    | 22   | 0            | 38            | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9900    | 32   | 0            | 12            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8100    | 13   | 0            | 15            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 15            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8500    | 11   | 0            | 30            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 11            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9500     | 9    | 0            | 10            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     | 1    | 0            | 58            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2300     | 7    | 0            | 19            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 32,0000        | P                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 1,1600     | 1    | 1            | 68            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7100     | 6    | 0            | 47            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7300     | 2    | 0            | 75            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9800     | 5    | 0            | 55            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     | 2    | 0            | 76            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3500     | 4    | 0            | 92            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     | 2    | 0            | 26            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 38,0000        | C                 | EUR               | 3,3000  | 3,3000  | 3,3000  | 1           | 3,3000  | 3,2300     | 3    | 3            | 265           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 38,0000        | P                 | EUR               | 3,4500  | 3,4500  | 3,4500  | 1           | 3,4500  | 3,3900     | 3    | 1            | 113           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 40,0000        | C                 | EUR               | 2,3600  | 2,3600  | 2,3500  | 2           | 2,3500  | 2,3300     | 2    | 2            | 137           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5400     | 5    | 0            | 77            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     | 2    | 0            | 112           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8700     | 6    | 0            | 43            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     | 1    | 0            | 97            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4000     | 7    | 0            | 15            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9200     | 1    | 0            | 54            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2000     | 8    | 0            | 98            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7600     | 1    | 0            | 62            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0600     | 9    | 0            | 1             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 70            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6500    | 13   | 0            | 22            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 55,0000        | C                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 64            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4700    | 17   | 0            | 10            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,4000    | 22   | 0            | 131           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8200    | 13   | 0            | 10            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 26,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,5700     | 1    | 1            | 39            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8900    | 11   | 0            | 32            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8400     | 1    | 0            | 1082          | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1100     | 9    | 0            | 1             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 30,0000        | P                 | EUR               | 1,2000  | 1,2000  | 1,2000  | 1           | 1,2000  | 1,2400     | 1    | 1            | 116           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0200     | 6    | 0            | 4             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 34,0000        | P                 | EUR               | 2,3500  | 2,3500  | 2,3500  | 1           | 2,3500  | 2,3800     | 2    | 1            | 103           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7600     | 5    | 0            | 22            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2000     | 3    | 0            | 146           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7000     | 4    | 0            | 64            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1900     | 4    | 0            | 10            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 40,0000        | C                 | EUR               | 2,8500  | 2,8500  | 2,8500  | 1           | 2,8500  | 2,8100     | 3    | 3            | 214           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3600     | 5    | 0            | 39            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 42,0000        | C                 | EUR               | 2,0400  | 2,0400  | 2,0400  | 1           | 2,0400  | 2,0700     | 2    | 1            | 1             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6600     | 7    | 0            | 0             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     | 1    | 0            | 216           | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8900     | 9    | 0            | 5             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 50,0000        | C                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5500     | 1    | 1            | 15            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2100    | 13   | 0            | 0             | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 28            | 25-7-2018          |
| O                | AP                        | Aperam Stnd Option    | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,9100    | 18   | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,9771   | 101  | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,9422   | 101  | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,9144   | 101  | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,8517   | 101  | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,7747   | 101  | 0            | 0             | 25-7-2018          |
| F                | AP6                       | SAP SE - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 99,2579    | 99   | 0            | 0             | 25-7-2018          |
| F                | AP8                       | SAP - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     | 1    | 0            | 0             | 25-7-2018          |
| F                | AP8                       | SAP - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     | 2    | 0            | 3             | 25-7-2018          |
| F                | AP8                       | SAP - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     | 2    | 0            | 0             | 25-7-2018          |
| F                | AP8                       | SAP - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     | 2    | 0            | 0             | 25-7-2018          |
| F                | AP8                       | SAP - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     | 2    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option    | 17-8-2018   | 88,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,0300    | 13   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option    | 17-8-2018   | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option    | 17-8-2018   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,0800    | 11   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option    | 17-8-2018   | 90,0000        | P                 | EUR               | 0,0000  | 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                | APQ                       | SAP - Stock Option | 21-9-2018   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1000    | 19     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0800    | 29     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,0800    | 39     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-9-2018   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,0900    | 59     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0100    | 10     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3700     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     | 7      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 99,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 99,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 101,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 101,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 103,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 103,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     | 7      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 19-10-2018  | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3100     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0700    | 41     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1600    | 31     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,2100    | 29     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2900    | 26     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0      | 0            | 4             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3800    | 23     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4900    | 21     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1      | 0            | 5             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6000    | 20     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1      | 0            | 63            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7400    | 18     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1      | 0            | 68            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9200    | 16     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1      | 0            | 450           | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1500    | 14     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1      | 0            | 54            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4500    | 12     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2      | 0            | 50            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8300    | 11     | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2      | 0            | 151           | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3000     | 9      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2      | 0            | 415           | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5400     | 9      | 0            | 5             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3      | 0            | 262           | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8700     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3      | 0            | 44            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5500     | 7      | 0            | 9             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4      | 0            | 21            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5      | 0            | 7             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 100,0000       | P                 | EUR               | 4,5000 | 4,5000 | 4,5000 | -           | 1      | 4,5600     | 5      | 10           | 51            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3      | 0            | 39            | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     | 7      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3      | 0            | 100           | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2300     | 7      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3      | 0            | 1             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9400     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 108,0000       | C                 | EUR               | 2,2900 | 2,2900 | 2,2900 | -           | 1      | 2,2900     | 2,1700 | 2            | 1             | 3                  | 25-7-2018 |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     | 9      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 110,0000       | 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                | APQ                       | SAP - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4200    | 29   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2700    | 39   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,2300    | 49   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3000    | 31   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,3900    | 29   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5800    | 26   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8700    | 22   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 56            | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0600    | 20   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 60            | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2900    | 18   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 64            | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5600    | 17   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 68            | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9000    | 15   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3000    | 13   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7800    | 12   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3500    | 10   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0200     | 9    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     | 4    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7600     | 8    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     | 5    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     | 7    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8400     | 6    | 0            | 1             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6100     | 6    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     | 7    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 1             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9700     | 8    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 1             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5400     | 9    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     | 4    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2000     | 9    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     | 3    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5400    | 11   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9800    | 12   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5200    | 14   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 1             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9500    | 16   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 60            | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2800    | 20   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0000    | 41   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2600    | 31   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,6700    | 27   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1200    | 22   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9200    | 18   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    | 15   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     | 3    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9200    | 14   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     | 4    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4500    | 12   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0600    | 11   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3800    | 10   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7900     | 10   | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     | 6    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6300     | 9    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8100     | 7    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5600     | 8    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8100     | 8    | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     | 7    | 0            | 0             | 25-7-2018          |
|                  |                           |                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | APQ                       | SAP - Stock Option | 21-6-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7300    |      | 13           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2000    |      | 14           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6800    |      | 16           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0800    |      | 18           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3100    |      | 22           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1000    |      | 41           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,9700    |      | 51           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1100    |      | 41           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6600    |      | 32           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1500    |      | 27           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,7700    |      | 23           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8200    |      | 19           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1700    |      | 15           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9400    |      | 12           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     |      | 8            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1900     |      | 9            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8800     |      | 10           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     |      | 7            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7000    |      | 13           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     |      | 5            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1000    |      | 16           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6300    |      | 20           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,7400    |      | 24           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,7600    |      | 42           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,4500    |      | 51           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0000    |      | 41           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1800    |      | 31           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,5900    |      | 27           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2800    |      | 22           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1600    |      | 18           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3300    |      | 14           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     |      | 6            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8400    |      | 11           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     |      | 7            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7800     |      | 8            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6700     |      | 10           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3600     |      | 5            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4800    |      | 12           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8900    |      | 16           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8100    |      | 20           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,1400    |      | 24           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,1800    |      | 43           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,0300    |      | 53           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,3200    |      | 41           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,5300    |      | 33           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4800    |      | 28           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7000    |      | 25           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2300     |      | 6            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option | 18-12-2020  | 85,0000        | 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                | APQ                       | SAP - Stock Option           | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8400    |      | 14           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2000     |      | 9            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4900    |      | 16           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     |      | 7            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6800    |      | 20           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     |      | 6            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3000    |      | 23           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     |      | 5            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,2000    |      | 27           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,9800    |      | 45           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,3100    |      | 54           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,4200    |      | 41           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,2300    |      | 25           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     |      | 8            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7600    |      | 22           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5400     |      | 10           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4000    |      | 18           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4300    |      | 11           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3000    |      | 15           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4800    |      | 13           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4400    |      | 12           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8300    |      | 16           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9900     |      | 10           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5500    |      | 19           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0900     |      | 8            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7500    |      | 22           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     |      | 7            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4100    |      | 25           | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 25-7-2018          |
| O                | APQ                       | SAP - Stock Option           | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,3700    |      | 56           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3252    |      | 21           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3178    |      | 21           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3119    |      | 21           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2987    |      | 21           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2824    |      | 21           | 0             | 25-7-2018          |
| F                | AQ6                       | Fortum OYJ - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1689    |      | 20           | 0             | 25-7-2018          |
| F                | AQ8                       | Fortum OYJ - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 495 25-7-2018      |
| F                | AQ8                       | Fortum OYJ - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 365 25-7-2018      |
| 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 25-7-2018       |
| 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 25-7-2018        |
| 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 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 11            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 12,0000        | P                 | EUR               | 0,1000 | 0,1200 | 0,1000 | 3           | 0,1100 | 0,1300     |      | 0            | 4             | 57 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 5 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 54            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     |      | 1            | 0             | 0 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 13,5000        | P                 | EUR               | 0,2200 | 0,3000 | 0,2200 | 2           | 0,3000 | 0,3200     |      | 0            | 7             | 34 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 14 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 14,0000        | P                 | EUR               | 0,3000 | 0,4600 | 0,3000 | 2           | 0,4600 | 0,4600     |      | 0            | 4             | 108 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 14,5000        | C                 | EUR               | 0,9000 | 0,9000 | 0,7000 | 8           | 0,7200 | 0,6700     |      | 1            | 25            | 33 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 14,5000        | P                 | EUR               | 0,4700 | 0,6500 | 0,4700 | 9           | 0,6500 | 0,6400     |      | 1            | 19            | 98 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 15,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,4500 | 6           | 0,4500 | 0,4200     |      | 0            | 18            | 113 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 15,0000        | P                 | EUR               | 0,6500 | 0,8500 | 0,6500 | 4           | 0,8500 | 0,9000     |      | 1            | 17            | 607 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 15,5000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3100 | 2           | 0,3100 | 0,2500     |      | 0            | 7             | 98 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 102 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 16,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,1500 | 3           | 0,1500 | 0,1300     |      | 0            | 29            | 54 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 77 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 16,5000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 2           | 0,0900 | 0,0700     |      | 0            | 7             | 35 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 11 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 236 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 59 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 106 25-7-2018      |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 52 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 9 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     |      | 3            | 0             | 70 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 2 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 13 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 33 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     |      | 5            | 0             | 1 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | ARC                       | Arcadis N.V                  | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 25 25-7-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-9-2018   | 9,0000         |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | ARC                       | Arcadis N.V     | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 87            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 13,0000        | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,3700     | 0    | 1            | 52            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 55            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 14,0000        | C                 | EUR               | 1,3500 | 1,3500 | 1,3000 | 2           | 1,3000 | 1,1400     | 1    | 13           | 150           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 14,0000        | P                 | EUR               | 0,5000 | 0,5500 | 0,5000 | 2           | 0,5500 | 0,6300     | 1    | 2            | 263           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 14,5000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8400     | 1    | 2            | 177           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 54            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 110           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 448           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 43            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 10            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 483           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 16,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,7600     | 2    | 2            | 403           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 16,5000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1700     | 0    | 1            | 37            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     | 2    | 0            | 5             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 181           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 903           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 635           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 281           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 344           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5100     | 5    | 0            | 181           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 275           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5000     | 6    | 0            | 605           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 68            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     | 7    | 0            | 17            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 75            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     | 8    | 0            | 315           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 121           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 111           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    | 12   | 0            | 4             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 2             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 13,0000        | P                 | EUR               | 0,3900 | 0,4700 | 0,3900 | 3           | 0,4700 | 0,4700     | 0    | 34           | 33            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 14,0000        | P                 | EUR               | 0,6000 | 0,7000 | 0,6000 | 2           | 0,7000 | 0,7500     | 1    | 4            | 4             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 1             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 15,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,7200     | 1    | 10           | 10            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 15,0000        | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,2200     | 1    | 8            | 8             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 2             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     | 4    | 0            | 0             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     | 6    | 0            | 10            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 9,0000         | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1400     | 0    | 1            | 21            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 12            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 127           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     | 3    | 0            | 183           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 12,0000        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,4700     | 0    | 1            | 82            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 2             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 131           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 234           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 325           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 15,0000        | C                 | EUR               | 1,1500 | 1,1500 | 1,0700 | 2           | 1,0700 | 1,0300     | 1    | 11           | 209           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 329           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 16,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,6500 | 2           | 0,6500 | 0,6300     | 1    | 3            | 1624          | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 365           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 17,0000        | C                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 1           | 0,4200 | 0,3700     | 0    | 1            | 194           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3    | 0            | 317           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 373           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 18,0000        | P                 | EUR               | 3,3500 | 3,3500 | 3,3500 | 1           | 3,3500 | 3,7100     | 4    | 20           | 271           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 212           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 215           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     | 0    | 1            | 131           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     | 6    | 0            | 209           | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 46            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V     | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     | 8    | 0            | 67            | 25-7-2018          |
| 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             | 25-7-2018          |
| 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                             | 15-3-2019   | 13,0000        | C                 | EUR               | 2,6500 | 2,6500 | 2,4700 | 2           | 2,4700 | 2,4400     | 2    | 2            | 2             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 13,0000        | P                 | EUR               | 0,8500 | 0,9000 | 0,8500 | 2           | 0,9000 | 0,9400     | 1    | 6            | 6             | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 14,0000        | C                 | EUR               | 1,9500 | 1,9500 | 1,8500 | 2           | 1,8500 | 1,8200     | 2    | 11           | 53            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 33            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 77            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 15,0000        | P                 | EUR               | 1,6100 | 1,7500 | 1,6100 | 2           | 1,7500 | 1,8000     | 2    | 3            | 93            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 45            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 76            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 17,0000        | C                 | EUR               | 0,6500 | 0,6600 | 0,6500 | 2           | 0,6600 | 0,5800     | 1    | 2            | 24            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 73            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 26            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 18            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 37            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6700     | 6    | 0            | 21            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 20            | 25-7-2018          |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 0             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,5081   | 185  | 0            | 4             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,4445   | 184  | 0            | 0             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,3935   | 184  | 0            | 0             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,2790   | 184  | 0            | 0             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,1383   | 184  | 0            | 0             | 25-7-2018          |
| F                | AS6                       | ASML Holding NV - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 182,9160   | 183  | 0            | 0             | 25-7-2018          |
| 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           | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,5300    | 45   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,6700    | 35   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 158,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7700    | 27   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 158,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7700    | 25   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 162,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8100    | 23   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 162,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 164,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9100    | 21   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 164,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9600    | 20   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 166,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9100    | 19   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 166,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 168,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1000    | 17   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 168,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2500    | 15   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 172,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4400    | 13   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 172,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 174,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7300    | 12   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 174,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8800    | 11   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 176,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0200    | 10   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 176,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 178,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4600     | 8    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 178,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     | 2    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     | 7    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 182,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     | 6    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 182,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 184,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     | 5    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 184,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     | 4    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     | 4    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     | 4    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 186,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 188,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 188,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     | 6    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4900     | 7    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9600     | 9    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5500    | 11   | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 25-7-2018          |
| O                | AS9                       | ASML Holding NV - European Stock Option | 17-8-2018   | 195,0000       | P                 | 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 |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 160,0000       | C                 | EUR               | 24,5000 | 24,6000 | 24,5000 | 2           | 24,6000 | 24,7700    | 25   | 9            | 45            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 794           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 162,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,7900    | 23   | 0            | 20            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 162,0000       | P                 | EUR               | 0,3300  | 0,3300  | 0,2800  | 3           | 0,2800  | 0,2800     | 0    | 4            | 49            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 164,0000       | C                 | EUR               | 20,7000 | 20,7000 | 20,7000 | 1           | 20,7000 | 20,8600    | 21   | 8            | 25            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 164,0000       | P                 | EUR               | 0,3600  | 0,3600  | 0,3600  | 1           | 0,3600  | 0,3400     | 0    | 2            | 77            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 165,0000       | C                 | EUR               | 19,4500 | 19,4500 | 19,4500 | 1           | 19,4500 | 19,8900    | 20   | 1            | 146           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 165,0000       | P                 | EUR               | 0,4000  | 0,4300  | 0,3900  | 14          | 0,3900  | 0,3800     | 0    | 50           | 272           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 166,0000       | C                 | EUR               | 18,9500 | 18,9500 | 18,9500 | 1           | 18,9500 | 18,9400    | 19   | 1            | 40            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 166,0000       | P                 | EUR               | 0,4800  | 0,4800  | 0,4100  | 11          | 0,4200  | 0,4200     | 0    | 121          | 151           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 168,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0300    | 17   | 0            | 133           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 168,0000       | P                 | EUR               | 0,6500  | 0,6500  | 0,5800  | 6           | 0,5800  | 0,5300     | 1    | 9            | 204           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 170,0000       | C                 | EUR               | 14,1500 | 15,0000 | 14,1500 | 4           | 15,0000 | 15,1800    | 15   | 7            | 551           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 170,0000       | P                 | EUR               | 0,7700  | 0,8000  | 0,6500  | 7           | 0,6900  | 0,7000     | 1    | 65           | 588           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 172,0000       | C                 | EUR               | 12,8500 | 12,8500 | 12,8500 | 1           | 12,8500 | 13,4300    | 13   | 6            | 127           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 172,0000       | P                 | EUR               | 0,9600  | 1,0500  | 0,8300  | 17          | 0,8300  | 0,9000     | 1    | 188          | 214           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 174,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6700    | 12   | 0            | 162           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 174,0000       | P                 | EUR               | 1,0500  | 1,3300  | 1,0500  | 9           | 1,1300  | 1,1700     | 1    | 16           | 184           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 175,0000       | C                 | EUR               | 10,2000 | 10,3500 | 9,6000  | 5           | 10,3500 | 10,8400    | 11   | 17           | 170           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 175,0000       | P                 | EUR               | 1,2000  | 1,5800  | 1,2000  | 19          | 1,2800  | 1,3300     | 1    | 79           | 307           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 176,0000       | C                 | EUR               | 9,7000  | 9,7000  | 9,1000  | 4           | 9,1500  | 10,0400    | 10   | 6            | 97            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 176,0000       | P                 | EUR               | 1,5300  | 1,7300  | 1,4300  | 11          | 1,4300  | 1,5200     | 2    | 36           | 112           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 178,0000       | C                 | EUR               | 7,7500  | 8,2500  | 7,7500  | 3           | 8,2500  | 8,4800     | 8    | 4            | 92            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 178,0000       | P                 | EUR               | 2,1000  | 2,3300  | 1,9700  | 16          | 1,9700  | 1,9700     | 2    | 22           | 271           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 180,0000       | C                 | EUR               | 6,3500  | 6,9500  | 6,0000  | 27          | 6,9000  | 7,0200     | 7    | 61           | 513           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 180,0000       | P                 | EUR               | 2,5000  | 2,9400  | 2,4000  | 23          | 2,4000  | 2,5300     | 3    | 67           | 501           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 182,0000       | C                 | EUR               | 5,5000  | 5,8000  | 4,8500  | 32          | 5,6000  | 5,7100     | 6    | 193          | 212           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 182,0000       | P                 | EUR               | 3,4700  | 3,6000  | 3,0800  | 14          | 3,3000  | 3,2300     | 3    | 62           | 399           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 184,0000       | C                 | EUR               | 4,4100  | 4,5500  | 3,8600  | 30          | 4,5500  | 4,5700     | 5    | 61           | 348           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 184,0000       | P                 | EUR               | 4,3000  | 4,6700  | 3,8900  | 34          | 4,1400  | 4,0700     | 4    | 221          | 183           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 185,0000       | C                 | EUR               | 3,6900  | 4,0500  | 3,3000  | 26          | 4,0500  | 4,0400     | 4    | 332          | 1431          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 185,0000       | P                 | EUR               | 4,5200  | 5,1000  | 4,3500  | 32          | 4,5300  | 4,5400     | 5    | 328          | 389           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 186,0000       | C                 | EUR               | 3,4500  | 3,5100  | 2,9200  | 48          | 3,5100  | 3,5700     | 4    | 524          | 309           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 186,0000       | P                 | EUR               | 5,1000  | 5,3500  | 5,1000  | 2           | 5,3500  | 5,0900     | 5    | 7            | 109           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 188,0000       | C                 | EUR               | 2,6400  | 2,6400  | 2,1900  | 27          | 2,6100  | 2,7400     | 3    | 243          | 515           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 188,0000       | P                 | EUR               | 6,6500  | 6,9000  | 6,6500  | 5           | 6,9000  | 6,2300     | 6    | 38           | 97            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 190,0000       | C                 | EUR               | 1,7600  | 2,0200  | 1,5800  | 38          | 1,8800  | 2,0500     | 2    | 207          | 1050          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 190,0000       | P                 | EUR               | 7,5000  | 8,0000  | 7,5000  | 7           | 7,5000  | 7,5700     | 8    | 12           | 101           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 192,0000       | C                 | EUR               | 1,3800  | 1,4000  | 1,1700  | 7           | 1,3100  | 1,5300     | 2    | 23           | 154           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 192,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0300     | 9    | 0            | 96            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 194,0000       | C                 | EUR               | 0,9800  | 1,0700  | 0,9800  | 4           | 1,0600  | 1,1100     | 1    | 21           | 30            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 194,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6300    | 11   | 0            | 1             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 195,0000       | C                 | EUR               | 0,8700  | 0,9000  | 0,7200  | 10          | 0,9000  | 0,9700     | 1    | 33           | 258           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 195,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4700    | 11   | 0            | 85            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 200,0000       | C                 | EUR               | 0,3700  | 0,4000  | 0,3700  | 7           | 0,4000  | 0,4600     | 0    | 30           | 586           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 200,0000       | P                 | EUR               | 16,4500 | 16,4500 | 16,4500 | 1           | 16,4500 | 15,9600    | 16   | 3            | 55            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 210,0000       | C                 | EUR               | 0,1000  | 0,1000  | 0,0900  | 2           | 0,0900  | 0,1200     | 0    | 19           | 218           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,6400    | 26   | 0            | 9             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 220,0000       | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 2           | 0,0600  | 0,0400     | 0    | 20           | 45            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 17-8-2018   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5600    | 36   | 0            | 10            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,5700    | 95   | 0            | 56            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 137           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,6100    | 85   | 0            | 194           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 119           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,6000    | 75   | 0            | 184           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 51            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 120,0000       | C                 | EUR               | 64,0500 | 64,0500 | 64,0500 | 1           | 64,0500 | 64,6700    | 65   | 1            | 191           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 260           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 130,0000       | C                 | EUR               | 53,5500 | 53,5500 | 53,5500 | 1           | 53,5500 | 54,7200    | 55   | 10           | 616           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 130,0000       | P                 | EUR               | 0,2100  | 0,2100  | 0,2100  | 1           | 0,2100  | 0,2100     | 0    | 2            | 1004          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,8200    | 45   | 0            | 395           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 140,0000       | P                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 2           | 0,3200  | 0,3100     | 0    | 5            | 1030          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 150,0000       | C                 | EUR               | 33,8400 | 33,8400 | 33,8400 | 1           | 33,8400 | 35,0200    | 35   | 1            | 331           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 150,0000       | P                 | EUR               | 0,5500  | 0,5500  | 0,5400  | 3           | 0,5400  | 0,5200     | 1    | 10           | 1088          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,4800    | 25   | 0            | 756           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 160,0000       | P                 | EUR               | 1,0500  | 1,1100  | 1,0500  | 5           | 1,1100  | 1,0200     | 1    | 6            | 1091          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 165,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,9500    | 21   | 0            | 144           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 165,0000       | P                 | EUR               | 1,6000  | 1,6600  | 1,4500  | 11          | 1,5500  | 1,4800     | 1    | 54           | 539           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 170,0000       | C                 | EUR               | 16,1000 | 16,5500 | 15,7000 | 8           | 16,5500 | 16,6700    | 17   | 38           | 1039          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 170,0000       | P                 | EUR               | 2,3200  | 2,4300  | 2,1900  | 17          | 2,2800  | 2,2100     | 2    | 89           | 1355          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 175,0000       | C                 | EUR               | 12,1500 | 12,1500 | 12,1500 | 1           | 12,1500 | 12,7600    | 13   | 1            | 158           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 175,0000       | P                 | EUR               | 3,3200  | 3,6300  | 3,2700  | 11          | 3,2700  | 3,3100     | 3    | 54           | 559           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 178,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6200    | 11   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 178,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2100     | 4    | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 180,0000       | C                 | EUR               | 9,1000  | 9,2500  | 8,4000  | 17          | 9,1200  | 9,3200     | 9    | 54           | 1563          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 180,0000       | P                 | EUR               | 4,7800  | 5,4000  | 4,7800  | 16          | 5,0500  | 4,8800     | 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                | ASL                       | ASML Holding NV | 21-9-2018   | 188,0000       | P                 | EUR               | 9,3500  | 9,3500  | 8,7000  | 5           | 8,7000  | 8,6700     | 9    | 27           | 249           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 190,0000       | C                 | EUR               | 4,1500  | 4,2000  | 3,7100  | 14          | 4,2000  | 4,2900     | 4    | 59           | 498           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 190,0000       | P                 | EUR               | 10,0000 | 10,5300 | 10,0000 | 10          | 10,1000 | 9,8600     | 10   | 33           | 156           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 192,0000       | C                 | EUR               | 3,3900  | 3,3900  | 3,3900  | 2           | 3,3900  | 3,5800     | 4    | 35           | 168           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 192,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1400    | 11   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 194,0000       | C                 | EUR               | 2,8500  | 3,0000  | 2,5800  | 8           | 3,0000  | 2,9800     | 3    | 17           | 44            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 194,0000       | P                 | EUR               | 12,9000 | 12,9000 | 12,9000 | 1           | 12,9000 | 12,5700    | 13   | 12           | 12            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 200,0000       | C                 | EUR               | 1,6600  | 1,6600  | 1,4600  | 22          | 1,6500  | 1,6900     | 2    | 78           | 991           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2700    | 17   | 0            | 341           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     | 1    | 0            | 334           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,2600    | 26   | 0            | 33            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 220,0000       | C                 | EUR               | 0,2900  | 0,2900  | 0,2900  | 1           | 0,2900  | 0,3000     | 0    | 2            | 235           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8800    | 36   | 0            | 84            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 115           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 65,6700    | 66   | 0            | 151           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 10            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-9-2018   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 115,6300   | 116  | 0            | 20            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5600    | 36   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 150,0000       | P                 | EUR               | 1,1300  | 1,1500  | 1,1000  | 4           | 1,1000  | 1,0900     | 1    | 5            | 48            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,4500    | 26   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 160,0000       | P                 | EUR               | 2,1200  | 2,1200  | 2,0000  | 4           | 2,0200  | 2,0200     | 2    | 22           | 103           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1800    | 18   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 170,0000       | P                 | EUR               | 3,8000  | 3,9500  | 3,8000  | 3           | 3,9500  | 3,7900     | 4    | 3            | 115           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 180,0000       | C                 | EUR               | 10,6000 | 11,2500 | 10,5500 | 5           | 11,2500 | 11,3100    | 11   | 10           | 9             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 180,0000       | P                 | EUR               | 7,2500  | 7,2500  | 7,2500  | 1           | 7,2500  | 6,8800     | 7    | 1            | 20            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 185,0000       | C                 | EUR               | 8,0000  | 8,3500  | 8,0000  | 3           | 8,3500  | 8,5200     | 9    | 4            | 319           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 185,0000       | P                 | EUR               | 9,6500  | 9,6500  | 9,1500  | 19          | 9,1500  | 9,1200     | 9    | 225          | 176           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 190,0000       | C                 | EUR               | 5,7600  | 5,7600  | 5,7000  | 2           | 5,7000  | 6,2600     | 6    | 3            | 8             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8800    | 12   | 0            | 6             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 195,0000       | C                 | EUR               | 4,3000  | 4,3200  | 4,0000  | 7           | 4,3200  | 4,4900     | 4    | 7            | 9             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 195,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1000    | 15   | 0            | 10            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1500     | 3    | 0            | 197           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 200,0000       | P                 | EUR               | 19,2500 | 19,2500 | 19,2500 | 1           | 19,2500 | 18,7800    | 19   | 1            | 2             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1800    | 27   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 31            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 19-10-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,4100    | 36   | 0            | 0             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 144,5500   | 145  | 0            | 319           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 365           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 134,5500   | 135  | 0            | 29            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 396           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,5500   | 125  | 0            | 3             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 1           | 0,0700  | 0,0700     | 0    | 33           | 395           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 119,5500   | 120  | 0            | 8             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 351           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 114,5500   | 115  | 0            | 4             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 331           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 109,5600   | 110  | 0            | 1             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 239           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 104,5800   | 105  | 0            | 58            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 1431          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 99,6100    | 100  | 0            | 149           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 736           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,6700    | 95   | 0            | 178           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 1324          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,7500    | 85   | 0            | 166           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 1370          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,8500    | 75   | 0            | 393           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3800     | 0    | 0            | 1634          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 120,0000       | C                 | EUR               | 64,5000 | 64,5000 | 64,4500 | 5           | 64,4500 | 64,9900    | 65   | 14           | 659           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     | 1    | 0            | 2162          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 55,2900    | 55   | 0            | 146           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8400     | 1    | 0            | 558           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 140,0000       | C                 | EUR               | 45,2000 | 45,2000 | 44,6000 | 3           | 44,7000 | 45,7600    | 46   | 4            | 1495          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 140,0000       | P                 | EUR               | 1,4000  | 1,4000  | 1,3400  | 5           | 1,3400  | 1,3400     | 1    | 12           | 3221          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 150,0000       | C                 | EUR               | 35,5900 | 36,7500 | 35,5900 | 2           | 36,7500 | 36,6000    | 37   | 3            | 437           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 150,0000       | P                 | EUR               | 2,2400  | 2,2400  | 2,2100  | 2           | 2,2100  | 2,2100     | 2    | 3            | 2016          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,0200    | 28   | 0            | 921           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 160,0000       | P                 | EUR               | 3,7000  | 3,8600  | 3,6100  | 14          | 3,6100  | 3,6600     | 4    | 58           | 2358          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 170,0000       | C                 | EUR               | 20,0000 | 20,3500 | 19,3500 | 18          | 20,1500 | 20,3400    | 20   | 129          | 852           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 170,0000       | P                 | EUR               | 6,0000  | 6,3500  | 6,0000  | 27          | 6,1000  | 6,0100     | 6    | 244          | 2438          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 180,0000       | C                 | EUR               | 13,7500 | 13,9000 | 13,1000 | 24          | 13,8000 | 13,8600    | 14   | 48           | 1657          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 180,0000       | P                 | EUR               | 9,4000  | 10,0500 | 9,4000  | 22          | 9,7000  | 9,5600     | 10   | 44           | 964           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 190,0000       | C                 | EUR               | 8,8500  | 8,8500  | 8,2000  | 24          | 8,7000  | 8,8500     | 9    | 197          | 847           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 190,0000       | P                 | EUR               | 14,9300 | 15,2000 | 14,4500 | 9           | 14,8000 | 14,5700    | 15   | 71           | 332           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 200,0000       | C                 | EUR               | 5,2500  | 5,2500  | 4,8500  | 20          | 5,1000  | 5,3500     | 5    | 40           |               |                    |



| 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   | 110,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 75,0700    | 75   | 0            | 32            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6000     | 1    | 0            | 34            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 65,3900    | 65   | 0            | 29            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,9400     | 1    | 0            | 134           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 46,7900    | 47   | 0            | 29            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 140,0000       | P                 | EUR               | 2,4500   | 2,4500   | 2,4500   | 1           | 2,4500   | 2,3900     | 2    | 1            | 220           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 150,0000       | C                 | EUR               | 37,0000  | 37,0000  | 37,0000  | 1           | 37,0000  | 38,0800    | 38   | 1            | 462           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 150,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 3,7500     | 4    | 0            | 141           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 160,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 30,0600    | 30   | 0            | 967           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 160,0000       | P                 | EUR               | 5,9000   | 5,9500   | 5,8500   | 5           | 5,8500   | 5,7400     | 6    | 63           | 702           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 170,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,8800    | 23   | 0            | 140           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 170,0000       | P                 | EUR               | 8,7500   | 8,9500   | 8,6000   | 8           | 8,6000   | 8,5800     | 9    | 38           | 136           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 16,7400    | 17   | 0            | 158           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 180,0000       | P                 | EUR               | 12,5000  | 12,5000  | 12,5000  | 1           | 12,5000  | 12,4900    | 12   | 2            | 124           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 190,0000       | C                 | EUR               | 11,6500  | 11,6500  | 11,1500  | 3           | 11,2000  | 11,8000    | 12   | 12           | 135           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 190,0000       | P                 | EUR               | 18,1500  | 18,1500  | 18,1500  | 1           | 18,1500  | 17,5700    | 18   | 15           | 50            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 200,0000       | C                 | EUR               | 7,9500   | 7,9500   | 7,8500   | 4           | 7,8500   | 8,0400     | 8    | 14           | 620           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 23,8600    | 24   | 0            | 129           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 220,0000       | C                 | EUR               | 3,3700   | 3,5000   | 3,2700   | 7           | 3,5000   | 3,5000     | 4    | 13           | 273           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 39,4000    | 39   | 0            | 67            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 250,0000       | C                 | EUR               | 0,9600   | 0,9600   | 0,9600   | 1           | 0,9600   | 1,0300     | 1    | 1            | 302           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 66,9300    | 67   | 0            | 30            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2100     | 0    | 0            | 34            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 300,0000       | P                 | EUR               | 117,8000 | 117,8000 | 117,1000 | 2           | 117,1000 | 116,2300   | 116  | 16           | 185           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 104,7500   | 105  | 0            | 10            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 80,0000        | P                 | EUR               | 0,2100   | 0,2100   | 0,2100   | 1           | 0,2100   | 0,2000     | 0    | 2            | 463           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 94,8500    | 95   | 0            | 15            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3500     | 0    | 0            | 533           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 85,0000    | 85   | 0            | 19            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6000     | 1    | 0            | 1088          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 75,2900    | 75   | 0            | 11            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,0000     | 1    | 0            | 15            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 65,8200    | 66   | 0            | 87            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 120,0000       | P                 | EUR               | 1,7200   | 1,7200   | 1,7200   | 1           | 1,7200   | 1,6400     | 2    | 1            | 2058          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 47,8100    | 48   | 0            | 339           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 140,0000       | P                 | EUR               | 4,0000   | 4,0600   | 3,9500   | 3           | 3,9500   | 3,9800     | 4    | 5            | 1307          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 39,5000    | 40   | 0            | 1014          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 150,0000       | P                 | EUR               | 6,0500   | 6,0500   | 6,0500   | 1           | 6,0500   | 6,8500     | 6    | 1            | 593           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 160,0000       | C                 | EUR               | 30,8400  | 31,8500  | 30,8400  | 2           | 31,8500  | 31,8400    | 32   | 2            | 1932          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 160,0000       | P                 | EUR               | 8,5500   | 8,5500   | 8,4000   | 3           | 8,4000   | 8,4100     | 8    | 5            | 900           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 170,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 25,0300    | 25   | 0            | 30            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 170,0000       | P                 | EUR               | 12,2000  | 12,2000  | 12,1500  | 6           | 12,1500  | 11,7800    | 12   | 26           | 49            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 180,0000       | C                 | EUR               | 19,3500  | 19,3500  | 18,5000  | 5           | 19,1500  | 19,1900    | 19   | 7            | 393           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 180,0000       | P                 | EUR               | 16,4000  | 16,7000  | 16,4000  | 3           | 16,7000  | 16,1400    | 16   | 4            | 1198          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 190,0000       | C                 | EUR               | 13,9500  | 13,9500  | 13,9500  | 1           | 13,9500  | 14,3500    | 14   | 2            | 89            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 190,0000       | P                 | EUR               | 21,7500  | 21,7500  | 21,7500  | 1           | 21,7500  | 21,4800    | 21   | 2            | 32            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 200,0000       | C                 | EUR               | 10,4000  | 10,4000  | 10,2500  | 4           | 10,3700  | 10,5400    | 11   | 6            | 2840          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 200,0000       | P                 | EUR               | 27,8500  | 27,8500  | 27,8500  | 2           | 27,8500  | 27,7900    | 28   | 16           | 47            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 220,0000       | C                 | EUR               | 5,1000   | 5,1000   | 5,1000   | 1           | 5,1000   | 5,3900     | 5    | 10           | 228           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 42,8600    | 43   | 0            | 9             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 250,0000       | C                 | EUR               | 1,8800   | 1,9000   | 1,8600   | 3           | 1,9000   | 1,9300     | 2    | 34           | 189           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 69,5200    | 70   | 0            | 10            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4700     | 0    | 0            | 91            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 118,2600   | 118  | 0            | 90            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 40,0000        | C                 | EUR               | 143,5500 | 143,5500 | 143,5500 | 1           | 143,5500 | 144,7500   | 145  | 17           | 177           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 578           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 134,7500   | 135  | 0            | 57            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 719           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 124,7500   | 125  | 0            | 4             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1000     | 0    | 0            | 343           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 114,7500   | 115  | 0            | 1             | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2200     | 0    | 0            | 320           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 106,8000   | 105  | 0            | 25            | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4200     | 0    | 0            | 952           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 95,0000    | 95   | 0            | 304           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,7600     | 1    | 0            | 357           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 100,0000       | C                 | EUR               | 84,5000  | 84,5000  | 84,5000  | 1           | 84,5000  | 85,3200    | 85   | 2            | 1000          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,2700     | 1    | 0            | 761           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 66,7900    | 67   | 0            | 585           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 3,1100     | 3    | 0            | 561           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 49,8300    | 50   | 0            | 399           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 140,0000       | P                 | EUR               | 6,7000   | 6,7000   | 6,4500   | 3           | 6,4500   | 6,6000     | 7    | 3            | 668           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 42,2700    | 42   | 0            | 443           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 150,0000       | P                 | EUR               | 9,2500   | 9,4000   | 9,1000   | 4           | 9,1000   | 9,1600     | 9    | 7            | 864           | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 160,0000       | C                 | EUR               | 34,1000  | 34,2500  | 34,1000  | 2           | 34,2500  | 35,2300    | 35   | 6            | 1009          | 25-7-2018          |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,3300    | 12   | 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                | ASL                       | ASML Holding NV        | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7200     | 5        | 0            | 15            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,7200    | 52       | 0            | 0             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3200     | 9        | 0            | 0             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,0300    | 38       | 0            | 3             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 160,0000       | P                 | EUR               | 16,1000 | 16,1000 | 16,1000 | 1           | 16,1000 | 16,0800    | 16       | 10           | 21            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8700    | 27       | 0            | 1             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,3200    | 25       | 0            | 2             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,4900    | 18       | 0            | 107           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,2400    | 37       | 0            | 35            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4400     | 2        | 0            | 4             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 122,1400   | 122      | 0            | 0             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 134,8000   | 135      | 0            | 0             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0        | 0            | 538           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,8000   | 125      | 0            | 2             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0        | 0            | 207           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 114,8200   | 115      | 0            | 29            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     | 1        | 0            | 170           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 105,0000   | 105      | 0            | 73            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0400     | 1        | 0            | 307           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 95,4000    | 95       | 0            | 86            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8100     | 2        | 0            | 326           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,1200    | 86       | 0            | 471           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     | 3        | 0            | 196           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,9900    | 69       | 0            | 201           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 120,0000       | P                 | EUR               | 6,3000  | 6,3000  | 6,2500  | 3           | 6,2500  | 6,3300     | 6        | 25           | 358           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 140,0000       | C                 | EUR               | 52,8500 | 52,8500 | 52,8500 | 1           | 52,8500 | 53,7400    | 54       | 1            | 68            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 140,0000       | P                 | EUR               | 11,7000 | 11,7000 | 11,7000 | 1           | 11,7000 | 11,6200    | 12       | 1            | 93            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,9600    | 47       | 0            | 215           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,0300    | 15       | 0            | 105           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 160,0000       | C                 | EUR               | 40,1000 | 40,8000 | 40,1000 | 2           | 40,8000 | 40,7800    | 41       | 3            | 156           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0100    | 19       | 0            | 73            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,1900    | 30       | 0            | 87            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 180,0000       | P                 | EUR               | 29,2000 | 29,2000 | 29,2000 | 1           | 29,2000 | 28,7200    | 29       | 1            | 73            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 200,0000       | C                 | EUR               | 21,7000 | 21,7000 | 21,7000 | 1           | 21,7000 | 21,8900    | 22       | 1            | 596           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,6400    | 41       | 0            | 46            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0200     | 4        | 0            | 164           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 123,5000   | 124      | 0            | 6             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,9200   | 125      | 0            | 2             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     | 1        | 0            | 197           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 115,0200   | 115      | 0            | 6             | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2300     | 1        | 0            | 193           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 105,4500   | 105      | 0            | 69            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     | 2        | 0            | 243           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 90,0000        | C                 | EUR               | 94,9500 | 94,9500 | 94,9500 | 1           | 94,9500 | 96,1900    | 96       | 1            | 59            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3800     | 3        | 0            | 306           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 87,3900    | 87       | 0            | 120           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 100,0000       | P                 | EUR               | 5,0000  | 5,0000  | 5,0000  | 1           | 5,0000  | 5,0400     | 5        | 1            | 363           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 71,3500    | 71       | 0            | 344           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6000     | 10       | 0            | 599           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 57,3700    | 57       | 0            | 149           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 140,0000       | P                 | EUR               | 16,2500 | 16,2500 | 16,2000 | 2           | 16,2000 | 16,0400    | 16       | 9            | 231           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,1300    | 51       | 0            | 342           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9600    | 20       | 0            | 205           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,4300    | 45       | 0            | 152           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,3800    | 24       | 0            | 68            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4500    | 35       | 0            | 43            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 180,0000       | P                 | EUR               | 35,0000 | 35,0000 | 35,0000 | 1           | 35,0000 | 34,6500    | 35       | 1            | 10            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 200,0000       | C                 | EUR               | 27,5000 | 27,5000 | 26,8000 | 4           | 27,0000 | 27,4100    | 27       | 12           | 826           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,9100    | 47       | 0            | 159           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 300,0000       | C                 | EUR               | 7,5000  | 7,5000  | 7,5000  | 1           | 7,5000  | 7,3600     | 7        | 1            | 308           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 17-12-2021  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 127,6100   | 128      | 0            | 61            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4          | 125,0000 | 125          | 0             | 4                  | 25-7-2018 |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 60,0000        | P                 | EUR               | 1,0500  | 1,0500  | 1,0500  | 1           | 1,0500  | 1,0200     | 1        | 1            | 270           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 90,0000        | C                 | EUR               | 96,5000 | 96,5000 | 96,5000 | 1           | 96,5000 | 96,9200    | 97       | 1            | 62            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 90,0000        | P                 | EUR               | 4,9100  | 4,9100  | 4,9100  | 3           | 4,9100  | 4,7600     | 5        | 20           | 589           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,7900    | 61       | 0            | 301           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 140,0000       | P                 | EUR               | 19,9000 | 20,0000 | 19,9000 | 7           | 20,0000 | 19,7900    | 20       | 13           | 414           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 160,0000       | C                 | EUR               | 48,8000 | 49,7500 | 48,8000 | 4           | 49,7500 | 49,6000    | 50       | 5            | 341           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,8700    | 29       | 0            | 213           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,1000    | 40       | 0            | 112           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 180,0000       | P                 | EUR               | 40,0000 | 40,0000 | 40,0000 | 2           | 40,0000 | 39,5700    | 40       | 2            | 398           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 200,0000       | C                 | EUR               | 31,7000 | 31,7000 | 31,7000 | 1           | 31,7000 | 32,3300    | 32       | 1            | 457           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,0600    | 52       | 0            | 92            | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 300,0000       | C                 | EUR               | 10,7000 | 10,7000 | 10,7000 | 1           | 10,7000 | 10,8600    | 11       | 2            | 390           | 25-7-2018          |           |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 130,9100   | 131      | 0            | 146           | 25-7-2018          |           |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 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                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2700     |      | 3            | 0             | 221 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 45,0000        | P                 | EUR               | 0,2700  | 0,4000  | 0,2500  | 10          | 0,4000  | 0,3500     |      | 0            | 24            | 100 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 46,0000        | C                 | EUR               | 3,1000  | 3,1000  | 3,1000  | 1           | 3,1000  | 2,5000     |      | 3            | 2             | 121 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 46,0000        | P                 | EUR               | 0,5000  | 0,6500  | 0,4300  | 5           | 0,6500  | 0,5800     |      | 1            | 14            | 200 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 47,0000        | C                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 1           | 1,6500  | 1,7800     |      | 2            | 1             | 261 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 47,0000        | P                 | EUR               | 0,5000  | 0,8500  | 0,5000  | 11          | 0,8500  | 0,8600     |      | 1            | 26            | 53 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 48,0000        | C                 | EUR               | 1,8000  | 2,0000  | 1,1000  | 23          | 1,1500  | 1,2600     |      | 1            | 78            | 316 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 48,0000        | P                 | EUR               | 1,0700  | 1,4000  | 0,9000  | 11          | 1,4000  | 1,3200     |      | 1            | 26            | 174 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 49,0000        | C                 | EUR               | 1,3000  | 1,3000  | 0,7000  | 11          | 0,7000  | 0,8400     |      | 1            | 36            | 216 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 49,0000        | P                 | EUR               | 1,6500  | 2,0000  | 1,6300  | 3           | 2,0000  | 1,9300     |      | 2            | 34            | 161 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 50,0000        | C                 | EUR               | 0,7500  | 0,9000  | 0,4600  | 21          | 0,4900  | 0,5600     |      | 1            | 34            | 275 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6500     |      | 3            | 0             | 316 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 51,0000        | C                 | EUR               | 0,4500  | 0,5000  | 0,3100  | 9           | 0,3100  | 0,3600     |      | 0            | 56            | 276 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4200     |      | 3            | 0             | 161 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 52,0000        | C                 | EUR               | 0,3200  | 0,3200  | 0,2000  | 3           | 0,2000  | 0,2300     |      | 0            | 4             | 167 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 52,0000        | P                 | EUR               | 3,3500  | 3,3500  | 3,3500  | 1           | 3,3500  | 4,3100     |      | 4            | 2             | 160 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 53,0000        | C                 | EUR               | 0,2700  | 0,2700  | 0,1400  | 6           | 0,1500  | 0,1500     |      | 0            | 32            | 289 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2600     |      | 5            | 0             | 99 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 54,0000        | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,1000     |      | 0            | 2             | 188 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2300     |      | 6            | 0             | 70 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 55,0000        | C                 | EUR               | 0,1000  | 0,1000  | 0,0700  | 2           | 0,0700  | 0,0700     |      | 0            | 2             | 130 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1700     |      | 7            | 0             | 117 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 56,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0500     |      | 0            | 1             | 332 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1700     |      | 8            | 0             | 52 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 57,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0300     |      | 0            | 2             | 33 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 57,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1400     |      | 9            | 0             | 33 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0500  | 0,0500  | 0,0400  | 3           | 0,0400  | 0,0200     |      | 0            | 7             | 32 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1200    |      | 10           | 0             | 49 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 59,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 12 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 59,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1000    |      | 11           | 0             | 15 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0500  | 0,0500  | 0,0400  | 3           | 0,0400  | 0,0100     |      | 0            | 7             | 47 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1000    |      | 12           | 0             | 996 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 62,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 2 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 62,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,0900    |      | 14           | 0             | 12 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,0900    |      | 16           | 0             | 2 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9500    |      | 13           | 0             | 2 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 0 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0300    |      | 10           | 0             | 0 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 11 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0700     |      | 8            | 0             | 20 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 94 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2600     |      | 6            | 0             | 1 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3400     |      | 0            | 0             | 127 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 43,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3600     |      | 5            | 0             | 3 25-7-2018        |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 43,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     |      | 0            | 0             | 12 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 44,0000        | C                 | EUR               | 5,1500  | 5,1500  | 4,6000  | 3           | 4,6000  | 4,5200     |      | 5            | 11            | 96 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     |      | 1            | 0             | 41 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 45,0000        | C                 | EUR               | 4,3000  | 4,3000  | 4,2000  | 4           | 4,2500  | 3,7800     |      | 4            | 40            | 173 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 45,0000        | P                 | EUR               | 0,7500  | 0,8500  | 0,7500  | 6           | 0,8500  | 0,8900     |      | 1            | 16            | 347 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 46,0000        | C                 | EUR               | 3,5500  | 3,5500  | 3,2000  | 7           | 3,2000  | 3,0800     |      | 3            | 50            | 165 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 46,0000        | P                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 2           | 0,9000  | 1,1700     |      | 1            | 20            | 219 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 47,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4600     |      | 2            | 0             | 77 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 47,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5500     |      | 2            | 0             | 15 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 48,0000        | C                 | EUR               | 2,3000  | 2,3000  | 1,7500  | 6           | 1,7500  | 1,9100     |      | 2            | 53            | 255 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 48,0000        | P                 | EUR               | 1,5900  | 1,8500  | 1,5900  | 3           | 1,8500  | 2,0200     |      | 2            | 7             | 214 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 49,0000        | C                 | EUR               | 1,7000  | 1,8000  | 1,4000  | 4           | 1,4000  | 1,5000     |      | 2            | 41            | 106 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 49,0000        | P                 | EUR               | 2,1500  | 2,1500  | 2,1500  | 2           | 2,1500  | 2,5800     |      | 3            | 20            | 56 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 50,0000        | C                 | EUR               | 1,3000  | 1,5500  | 1,0500  | 18          | 1,0500  | 1,1600     |      | 1            | 53            | 468 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 50,0000        | P                 | EUR               | 2,8500  | 3,3000  | 2,8500  | 2           | 3,3000  | 3,2500     |      | 3            | 5             | 798 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 51,0000        | C                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 0,9000     |      | 1            | 10            | 40 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 51,0000        | P                 | EUR               | 3,1000  | 3,1000  | 3,1000  | 1           | 3,1000  | 4,0100     |      | 4            | 2             | 15 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 52,0000        | C                 | EUR               | 5,1000  | 5,1000  | 0,6500  | 5           | 0,6500  | 0,6800     |      | 1            | 5             | 246 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 52,0000        | P                 | EUR               | 4,3500  | 4,9000  | 4,3500  | 5           | 4,9000  | 4,7900     |      | 5            | 5             | 306 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 53,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,5500  | 2           | 0,5500  | 0,5200     |      | 1            | 2             | 60 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6300     |      | 6            | 0             | 14 25-7-2018       |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 54,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,4300  | 6           | 0,4300  | 0,4200     |      | 0            | 7             | 308 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 54,0000        | P                 | EUR               | 5,7900  | 5,7900  | 5,7900  | 1           | 5,7900  | 6,5300     |      | 7            | 5             | 253 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 56,0000        | C                 | EUR               | 0,3200  | 0,3200  | 0,2800  | 4           | 0,2900  | 0,2700     |      | 0            | 29            | 499 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 56,0000        | P                 | EUR               | 8,4000  | 8,4000  | 8,4000  | 1           | 8,4000  | 8,3600     |      | 8            | 1             | 839 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     |      | 0            | 0             | 309 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3000    |      | 10           | 0             | 129 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 60,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,1400     |      | 0            | 1             | 943 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 60,0000        | P                 | EUR               | 11,0000 | 11,0000 | 11,0000 | 3           | 11,0000 | 12,2500    |      | 12           | 10            | 375 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 65,0000        | C                 | EUR               | 0,1000  | 0,1000  | 0,0800  | 2           | 0,0800  | 0,1200     |      | 0            | 9             | 590 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1800    |      | 17           | 0             | 198 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0500     |      | 0            | 1             | 219 25-7-2018      |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1300    | </   |              |               |                    |



| 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. | 19-10-2018  | 42,0000        | P                 | EUR               | 0,4500  | 0,5000  | 0,4500  | 4           | 0,5000  | 0,5700     | 1    | 4            | 4             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8500     | 5    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 44,0000        | P                 | EUR               | 0,7000  | 0,9500  | 0,7000  | 8           | 0,9500  | 0,9400     | 1    | 8            | 15            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     | 3    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 46,0000        | P                 | EUR               | 1,2000  | 1,4000  | 1,2000  | 3           | 1,4000  | 1,5700     | 2    | 22           | 28            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 47,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8600     | 3    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 47,0000        | P                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 1           | 1,6500  | 1,9700     | 2    | 9            | 9             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 48,0000        | C                 | EUR               | 2,7000  | 2,7000  | 2,7000  | 2           | 2,7000  | 2,3400     | 2    | 4            | 4             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     | 2    | 0            | 1             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 49,0000        | C                 | EUR               | 1,9000  | 1,9000  | 1,9000  | 1           | 1,9000  | 1,9200     | 2    | 7            | 9             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 49,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0000     | 3    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 50,0000        | C                 | EUR               | 1,8000  | 1,8000  | 1,6500  | 3           | 1,6500  | 1,5400     | 2    | 11           | 13            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6300     | 4    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 52,0000        | C                 | EUR               | 0,9500  | 0,9500  | 0,9500  | -           | 0,9500  | 0,9900     | 1    | 1            | 1             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1300     | 5    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     | 1    | 0            | 4             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 56,0000        | C                 | EUR               | 0,4000  | 0,4000  | 0,4000  | 2           | 0,4000  | 0,4300     | 0    | 2            | 18            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5400     | 9    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0100    | 18   | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1800    | 13   | 0            | 2             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     | 0    | 0            | 75            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 9,1000  | 9,1000  | 8,5000  | 2           | 8,5000  | 8,6600     | 9    | 2            | 133           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,0000        | P                 | EUR               | 0,7000  | 0,8000  | 0,7000  | 4           | 0,8000  | 0,7700     | 1    | 13           | 378           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0200     | 7    | 0            | 33            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 42,0000        | P                 | EUR               | 1,0200  | 1,0500  | 1,0200  | 3           | 1,0500  | 1,1300     | 1    | 16           | 151           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 44,0000        | C                 | EUR               | 5,9000  | 5,9000  | 5,9000  | 1           | 5,9000  | 5,5500     | 6    | 10           | 69            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 44,0000        | P                 | EUR               | 1,5500  | 1,5500  | 1,5500  | 1           | 1,5500  | 1,6600     | 2    | 10           | 21            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,0000        | C                 | EUR               | 5,4200  | 5,4200  | 5,2500  | 3           | 5,2500  | 4,8800     | 5    | 12           | 149           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 1,8500  | 2,1000  | 1,8500  | 6           | 2,1000  | 1,9900     | 2    | 31           | 817           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 46,0000        | C                 | EUR               | 4,8000  | 4,8000  | 4,8000  | 1           | 4,8000  | 4,2700     | 4    | 1            | 107           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3800     | 2    | 0            | 348           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 48,0000        | C                 | EUR               | 3,6000  | 3,6000  | 3,4500  | 7           | 3,4500  | 3,1900     | 3    | 21           | 173           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 48,0000        | P                 | EUR               | 2,7000  | 3,1000  | 2,7000  | 3           | 3,1000  | 3,3000     | 3    | 3            | 285           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 50,0000        | C                 | EUR               | 2,5500  | 2,6500  | 2,2900  | 6           | 2,2900  | 2,3500     | 2    | 21           | 981           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4600     | 4    | 0            | 865           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 52,0000        | C                 | EUR               | 2,0000  | 2,0000  | 2,0000  | 1           | 2,0000  | 1,7300     | 2    | 2            | 165           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8400     | 6    | 0            | 232           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 54,0000        | C                 | EUR               | 1,3300  | 1,4200  | 1,3300  | 4           | 1,3500  | 1,2600     | 1    | 6            | 677           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3700     | 7    | 0            | 374           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 55,0000        | C                 | EUR               | 1,2000  | 1,2000  | 1,2000  | 3           | 1,2000  | 1,0800     | 1    | 30           | 278           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2200     | 8    | 0            | 366           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 56,0000        | C                 | EUR               | 1,0500  | 1,0500  | 1,0000  | 5           | 1,0000  | 0,8900     | 1    | 33           | 312           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0500     | 9    | 0            | 258           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 58,0000        | C                 | EUR               | 0,8700  | 0,8700  | 0,8700  | 1           | 0,8700  | 0,6900     | 1    | 1            | 291           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8300    | 11   | 0            | 437           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     | 1    | 0            | 380           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6700    | 13   | 0            | 385           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 65,0000        | C                 | EUR               | 0,3300  | 0,3300  | 0,3000  | 4           | 0,3200  | 0,3000     | 0    | 26           | 211           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4600    | 17   | 0            | 56            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 70,0000        | C                 | EUR               | 0,2100  | 0,2100  | 0,2100  | 1           | 0,2100  | 0,2000     | 0    | 1            | 708           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3400    | 22   | 0            | 13            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 102           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,2400    | 32   | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 41            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,2100    | 42   | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1500    | 18   | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 30,0000        | P                 | EUR               | 0,2300  | 0,2300  | 0,2300  | 1           | 0,2300  | 0,1900     | 0    | 2            | 2             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4400    | 13   | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 35,0000        | P                 | EUR               | 0,5000  | 0,5500  | 0,5000  | 2           | 0,5500  | 0,5300     | 1    | 2            | 199           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 40,0000        | C                 | EUR               | 10,2000 | 10,2000 | 10,2000 | 1           | 10,2000 | 9,2000     | 9    | 1            | 8             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 40,0000        | P                 | EUR               | 1,1500  | 1,2500  | 1,1500  | 3           | 1,2500  | 1,2600     | 1    | 7            | 328           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 42,0000        | C                 | EUR               | 8,0000  | 8,0000  | 8,0000  | 1           | 8,0000  | 7,6300     | 8    | 10           | 13            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7400     | 2    | 0            | 32            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 44,0000        | C                 | EUR               | 6,6000  | 6,6000  | 6,6000  | 1           | 6,6000  | 6,2600     | 6    | 5            | 68            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 44,0000        | P                 | EUR               | 2,2500  | 2,2500  | 2,2500  | 2           | 2,2500  | 2,3700     | 2    | 15           | 59            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 45,0000        | C                 | EUR               | 6,0000  | 6,0000  | 6,0000  | 1           | 6,0000  | 5,6600     | 6    | 1            | 102           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 45,0000        | P                 | EUR               | 2,5500  | 2,5500  | 2,5500  | 1           | 2,5500  | 2,7500     | 3    | 2            | 105           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 46,0000        | C                 | EUR               | 5,3500  | 5,3500  | 5,3500  | 2           | 5,3500  | 5,0400     | 5    | 6            | 41            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 46,0000        | P                 | EUR               | 3,0000  | 3,0500  | 3,0000  | 2           | 3,0500  | 3,1800     | 3    | 2            | 25            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 48,0000        | C                 | EUR               | 4,3500  | 4,3500  | 3,9500  | 12          | 3,9500  | 4,0200     | 4    | 43           | 195           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 48,0000        | P                 | EUR               | 3,7000  | 3,9500  | 3,7000  | 3           | 3,9500  | 4,1300     | 4    | 9            | 93            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 50,0000        | C                 | EUR               | 3,8000  | 3,8000  | 3,2000  | 8           | 3,2000  | 3,1900     | 3    | 33           | 123           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 50,0000        | P                 | EUR               | 5,0700  | 5,2500  | 5,0700  | 4           | 5,2500  | 5,2900     | 5    | 8            | 163           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 52,0000        | C                 | EUR               | 2,9500  | 3,1500  | 2,3500  | 9           | 2,3500  | 2,5000     | 3    | 48           | 188           | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 52,0000        | P                 | EUR               | 5,9500  | 6,6500  | 5,9500  | 2           | 6,6500  | 6,6100     | 7    | 2            | 32            | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 54,0000        | C                 | EUR               | 2,1500  | 2,1500  | 1,8500  | 2           | 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                | ASM                       | ASM INTERNATIONAL N.V.       | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASM                       | ASM INTERNATIONAL N.V.       | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,3600    | 32   | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     | 8    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     | 7    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     | 5    | 0            | 1             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 39            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 12            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 34,0000        | C                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 2,7500     | 3    | 1            | 54            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 70            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 29            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 35,0000        | P                 | EUR               | 0,1500 | 0,1900 | 0,1500 | 2           | 0,1900 | 0,2200     | 0    | 12           | 74            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 36,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,3800 | 3           | 1,4500 | 1,1400     | 1    | 23           | 133           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 36,0000        | P                 | EUR               | 0,3400 | 0,5000 | 0,3300 | 13          | 0,4900 | 0,4900     | 0    | 207          | 202           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 114           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 37,0000        | P                 | EUR               | 0,6700 | 0,9900 | 0,6700 | 4           | 0,9900 | 0,9500     | 1    | 4            | 71            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 38,0000        | C                 | EUR               | 0,3200 | 0,4200 | 0,2900 | 7           | 0,2900 | 0,2800     | 0    | 73           | 116           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 38,0000        | P                 | EUR               | 1,3100 | 1,3500 | 1,3100 | 3           | 1,3500 | 1,6300     | 2    | 14           | 64            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 39,0000        | C                 | EUR               | 0,1400 | 0,2100 | 0,1400 | 7           | 0,2100 | 0,1300     | 0    | 77           | 62            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 65            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 7             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 1             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3600     | 5    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     | 7    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3500     | 9    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6600    | 11   | 0            | 26            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 267           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6600     | 9    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 56            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     | 8    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6700     | 7    | 0            | 38            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 896           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     | 5    | 0            | 19            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 416           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 3             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 85            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     | 3    | 0            | 219           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 34,0000        | P                 | EUR               | 0,3600 | 0,3900 | 0,3600 | 3           | 0,3900 | 0,4700     | 0    | 5            | 407           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 34            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 35,0000        | P                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 3           | 0,6500 | 0,7700     | 1    | 31           | 142           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 36,0000        | C                 | EUR               | 1,7500 | 1,8300 | 1,7500 | 3           | 1,8300 | 1,4200     | 1    | 45           | 340           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 36,0000        | P                 | EUR               | 0,9400 | 1,0500 | 0,9400 | 4           | 0,9600 | 1,1800     | 1    | 27           | 468           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 37,0000        | C                 | EUR               | 1,0300 | 1,0900 | 1,0300 | 6           | 1,0600 | 0,9200     | 1    | 79           | 111           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 21            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 38,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,6900 | 2           | 0,6900 | 0,5700     | 1    | 21           | 384           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 211           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 40,0000        | C                 | EUR               | 0,2300 | 0,2500 | 0,2300 | 2           | 0,2500 | 0,2000     | 0    | 16           | 283           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4    | 0            | 59            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 24            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     | 6    | 0            | 3             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     | 8    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 14            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9700     | 9    | 0            | 93            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9600    | 14   | 0            | 228           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9600    | 19   | 0            | 52            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6700     | 7    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7200     | 5    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 31            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 10            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 3             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 1             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 25-7-2018          |



| 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                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 82            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6800     | 7    | 0            | 29            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 1111         | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8000     | 5    | 0            | 19            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 32,0000        | P                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,5100     | 1    | 1            | 267           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 34,0000        | C                 | EUR               | 3,5200 | 3,5200 | 3,5200 | 1           | 3,5200 | 3,1400     | 3    | 1            | 101           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 34,0000        | P                 | EUR               | 0,8700 | 0,9500 | 0,8600 | 4           | 0,9500 | 1,0100     | 1    | 12           | 268           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 510           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 393           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 38,0000        | C                 | EUR               | 1,2500 | 1,2500 | 1,0900 | 2           | 1,0900 | 1,0800     | 1    | 11           | 416           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 38,0000        | P                 | EUR               | 2,8500 | 2,8500 | 2,8500 | 1           | 2,8500 | 3,0600     | 3    | 17           | 398           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 40,0000        | C                 | EUR               | 0,6700 | 0,7000 | 0,6300 | 10          | 0,6800 | 0,5900     | 1    | 55           | 330           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 40,0000        | P                 | EUR               | 4,2800 | 4,2800 | 4,2000 | 4           | 4,2100 | 4,5800     | 5    | 51           | 248           | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 23            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     | 6    | 0            | 19            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 20            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     | 9    | 0            | 62            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 3             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0400    | 14   | 0            | 15            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0200    | 19   | 0            | 25            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6600    | 11   | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     | 9    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 15           | 25-7-2018     |                    |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     | 7    | 0            | 1             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 30,0000        | P                 | EUR               | 0,4400 | 0,4400 | 0,4400 | 1           | 0,4400 | 0,5200     | 1    | 5            | 68            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 4             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 27            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     | 4    | 0            | 8             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 28            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 26,5000        | C                 | EUR               | 2,6500 | 2,6500 | 2,6500 | 1           | 2,6500 | 2,4200     | 2    | 10           | 81            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 13            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 38,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,7100 | 2           | 1,7100 | 1,6000     | 2    | 4            | 9             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     | 4    | 0            | 25            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 40,0000        | C                 | EUR               | 1,1500 | 1,1500 | 1,1100 | 2           | 1,1100 | 1,0000     | 1    | 16           | 62            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 7             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 45,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,2800     | 0    | 20           | 25            | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3100     | 9    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1200    | 14   | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ASR                       | ASR Nederland - Stock Option    | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0600    | 19   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5844    | 69   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5608    | 69   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5418    | 69   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,4993    | 68   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,8471    | 67   | 0            | 0             | 25-7-2018          |
| F                | AU6                       | Aurubis AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,8029    | 67   | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 480,0700   | 480  | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 480,3400   | 480  | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 480,5700   | 481  | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 481,1400   | 481  | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 481,9900   | 482  | 0            | 0             | 25-7-2018          |
| F                | AW6                       | Aviva - Stock Future            | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 461,5800   | 462  | 0            | 0             | 25-7-2018          |
| F                | AW8                       | Aviva - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5000    | 29   | 0            | 0             | 25-7-2018          |
| F                | AW8                       | Aviva - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,2000    | 32   | 0            | 0             | 25-7-2018          |
| F                | AW8                       | Aviva - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,5000    | 37   | 0            | 0             | 25-7-2018          |
| F                | AW8                       | Aviva - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5000    | 41   | 0            | 0             | 25-7-2018          |
| F                | AW8                       | Aviva - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,0000    | 44   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1857    | 63   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1639    | 63   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1464    | 63   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1072    | 63   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,0590    | 63   | 0            | 0             | 25-7-2018          |
| F                | AX6                       | Axel Springer SE - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,9181    | 61   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,9503    | 43   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,9354    | 43   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,9236    | 43   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,8969    | 43   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,8642    | 43   | 0            | 0             | 25-7-2018          |
| F                | AY6                       | Sampo A - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,1369    | 40   | 0            | 0             | 25-7-2018          |
| F                | AY8                       | Sampo A - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 20            | 25-7-2018          |
| F                | AY8                       | Sampo A - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     | 2    | 0            | 0             | 25-7-2018          |
| F                | AY8                       | Sampo A - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| F                | AY8                       | Sampo A - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| F                | AY8                       | Sampo A - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-              |



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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  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,4400    |      | 43           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     |      | 5            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,4600    |      | 34           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9000    |      | 27           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7000     |      | 10           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9200    |      | 20           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5000    |      | 14           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2100    |      | 14           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4600    |      | 18           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3400     |      | 9            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,1000    |      | 24           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     |      | 8            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,5000    |      | 28           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     |      | 6            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2600    |      | 31           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,0200    |      | 39           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,9500    |      | 48           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,7200    |      | 67           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,3600    |      | 76           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 125,9000   |      | 126          | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,9000    |      | 82           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,9700    |      | 62           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,3700    |      | 43           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4100     |      | 7            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1500    |      | 35           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9000    |      | 11           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,5700    |      | 28           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7700    |      | 15           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7500    |      | 21           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2300    |      | 19           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0000    |      | 15           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,6100    |      | 25           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4600    |      | 10           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0000    |      | 31           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     |      | 9            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5300    |      | 35           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     |      | 7            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,3100    |      | 38           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     |      | 5            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,4200    |      | 46           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,2000    |      | 55           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,0500    |      | 74           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,7800    |      | 84           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,2200   |      | 133          | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,9000    |      | 82           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,1100    |      | 62           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     |      | 4            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8300    |      | 44           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2800     |      | 9            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,5900    |      | 36           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5800    |      | 13           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2200    |      | 28           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5900    |      | 17           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8300    |      | 22           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3500    |      | 21           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5000    |      | 17           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9100    |      | 27           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2200    |      | 12           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,3200    |      | 33           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     |      | 9            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5100    |      | 41           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4300     |      | 6            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,3400    |      | 48           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6300     |      | 5            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 220,0000       | 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                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7100    |      | 13           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,5100    |      | 36           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5100    |      | 17           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2200    |      | 28           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,0900    |      | 21           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9900    |      | 22           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4400    |      | 26           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8300    |      | 17           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,4900    |      | 32           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6600    |      | 13           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2300    |      | 39           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     |      | 9            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,6000    |      | 47           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1800    |      | 63           | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 25-7-2018          |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,5300   |      | 140          | 0             | 25-7-2018          |
| F                | B80                       | Banco Santander OLD                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2183     |      | 0            | 5             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0466     |      | 6            | 0             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0445     |      | 6            | 0             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9529     |      | 6            | 0             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9492     |      | 6            | 0             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9446     |      | 6            | 0             | 25-7-2018          |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7908     |      | 6            | 0             | 25-7-2018          |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 11            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 313           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 86            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 18            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 394           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 1380          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 191           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 268           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 815           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 1500          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 660           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 167           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 568           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 267           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 619           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 3,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 12            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 62            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 529           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 179           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 52            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 36            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 58            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 40            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 21            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 160           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 50            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 17-8-2018   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 7             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 6             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 4             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 40            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 10            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 7             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 58            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 2134          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 67            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 786           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 6             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 10            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-9-2018   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 469           | 25-7-              |



| 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. | 21-9-2018   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 2574 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 1766 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 3,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 31 25-7-2018       |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 3,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 3221 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 3891 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1837 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 708 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1622 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 1036 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 323 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 1290 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 916 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 1188 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 166 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 1324 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 621 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 5,0000         | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,6000     |      | 2            | 2             | 5657 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 503 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 479 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 46 25-7-2018       |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 441 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 446 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 403 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     |      | 5            | 0             | 150 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,2000         | P                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 2           | 0,1400 | 0,1400     |      | 0            | 77            | 77 25-7-2018       |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 6 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 6 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 10 25-7-2018       |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-10-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 12 25-7-2018       |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 0 25-7-2018        |
| 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             | 0 25-7-2018        |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 695 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1437 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 250 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1131 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,0000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5200 | 2           | 0,5200 | 0,5500     |      | 1            | 25            | 3666 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 6427 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 422 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,2000         | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 3           | 0,2100 | 0,2100     |      | 0            | 116           | 995 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,4000         | C                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 1           | 0,2900 | 0,2800     |      | 0            | 3             | 675 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,4000         | P                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 2           | 0,2900 | 0,2900     |      | 0            | 110           | 2113 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 3498 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,5000         | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3400     |      | 0            | 40            | 3895 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,6000         | C                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1900     |      | 0            | 1             | 981 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 3807 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 2445 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 1984 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0700     |      | 0            | 10            | 29592 25-7-2018    |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 8087 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 2547 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 2818 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 740 25-7-2018      |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 2193 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 6236 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 11472 25-7-2018    |
| 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             | 10195 25-7-2018    |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 8162 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 5086 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 6,0000         | P                 | EUR               | 2,6500 | 2,6500 | 2,6500 | 1           | 2,6500 | 2,6100     |      | 3            | 10            | 2153 25-7-2018     |
| 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 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     |      | 5            | 0             | 1210 25-7-2018     |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 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                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 85            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 268           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 78            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 277           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 250           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,8000         | C                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1800     | 0    | 5            | 1460          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 331           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 826           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 302           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 353           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 132           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 91            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 395           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 341           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 544           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 28            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 83            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 150           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 297           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 637           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 3448          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 1686          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 6536          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 2609          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 47            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 365           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,4000         | P                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4700     | 0    | 3            | 215           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,5000         | C                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3500     | 0    | 3            | 3752          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 1972          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 156           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 5             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 22            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 72            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 6195          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 2629          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 4443          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 4539          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 6364          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 3020          | 25-7-2018          |
| 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            | 5244          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 2213          | 25-7-2018          |
| 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            | 2798          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     | 5    | 0            | 2312          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 0             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1             | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 513           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 9505          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 150           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 392           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 3,0000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 3           | 0,7500 | 0,7100     | 1    | 45           | 3689          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 3,0000         | P                 | EUR               | 0,3900 | 0,3900 | 0,3900 | 1           | 0,3900 | 0,4000     | 0    | 1            | 1964          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 4047          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 1802          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 6700          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 1174          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 3028          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 3472          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 111           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 40            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 3272          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 1143          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 24            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 2169          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 30            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 2,0000         | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2000     | 0    | 1            | 35            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 131           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 208           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 3,0000         | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 2           | 0,8000 | 0,7900     | 1    | 5            | 310           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 454           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 3,5000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 5           | 0,5500 | 0,5300     | 1    | 125          | 748           | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 72            | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 4,0000         | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3400     | 0    | 2            | 1812          | 25-7-2018          |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 19-6-2020   | 4,0000         | P                 | EUR               | 1,0500 |        |        |             |        |            |      |              |               |                    |



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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                | BD6                       | Beiersdorf AG - Stock Future                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,3765    |      | 98           | 0             | 0 25-7-2018        |
| F                | BD6                       | Beiersdorf AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,3154    |      | 98           | 0             | 0 25-7-2018        |
| F                | BD6                       | Beiersdorf AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,2403    |      | 98           | 0             | 0 25-7-2018        |
| F                | BD6                       | Beiersdorf AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 97,4752    |      | 97           | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8900     |      | 6            | 0             | 10 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 12 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 21 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 18,0000        | C                 | EUR               | 4,4000 | 4,4000 | 4,4000 | 1           | 4,4000 | 3,9700     |      | 4            | 1             | 1 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 18,0000        | P                 | EUR               | 0,1000 | 0,1300 | 0,1000 | 7           | 0,1300 | 0,1300     |      | 0            | 15            | 154 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 39 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 19,0000        | P                 | EUR               | 0,1700 | 0,3000 | 0,1700 | 9           | 0,3000 | 0,2600     |      | 0            | 154           | 601 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 0            | 0             | 3 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 19,5000        | P                 | EUR               | 0,2700 | 0,3000 | 0,2700 | 8           | 0,3000 | 0,3500     |      | 0            | 72            | 149 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 20,0000        | C                 | EUR               | 2,3500 | 2,3500 | 2,3000 | 3           | 2,3000 | 2,3100     |      | 2            | 26            | 164 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 20,0000        | P                 | EUR               | 0,3300 | 0,4800 | 0,3200 | 17          | 0,4700 | 0,4800     |      | 0            | 99            | 731 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 20,5000        | C                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 1,9600     |      | 2            | 1             | 123 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 20,5000        | P                 | EUR               | 0,4800 | 0,6500 | 0,4500 | 7           | 0,6000 | 0,6300     |      | 1            | 41            | 191 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 21,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,7200 | 5           | 1,7500 | 1,6400     |      | 2            | 10            | 318 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 21,0000        | P                 | EUR               | 0,5700 | 0,8000 | 0,5000 | 17          | 0,8000 | 0,8100     |      | 1            | 54            | 550 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 21,5000        | C                 | EUR               | 1,7000 | 1,7000 | 1,4000 | 13          | 1,4000 | 1,3800     |      | 1            | 23            | 149 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 21,5000        | P                 | EUR               | 0,7600 | 1,0500 | 0,7600 | 17          | 1,0500 | 1,0400     |      | 1            | 63            | 442 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 22,0000        | C                 | EUR               | 1,3500 | 1,4000 | 1,1000 | 29          | 1,2500 | 1,1100     |      | 1            | 189           | 447 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 22,0000        | P                 | EUR               | 0,9500 | 1,2500 | 0,9500 | 11          | 1,2500 | 1,2800     |      | 1            | 38            | 292 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 22,5000        | C                 | EUR               | 1,2900 | 1,2900 | 0,9500 | 22          | 0,9500 | 0,9400     |      | 1            | 65            | 376 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 22,5000        | P                 | EUR               | 1,2500 | 1,4500 | 1,2500 | 6           | 1,4500 | 1,6000     |      | 2            | 6             | 180 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 23,0000        | C                 | EUR               | 1,0500 | 1,0500 | 0,7500 | 25          | 0,8500 | 0,7900     |      | 1            | 116           | 408 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 23,0000        | P                 | EUR               | 1,5000 | 1,6500 | 1,5000 | 2           | 1,6500 | 1,9500     |      | 2            | 6             | 301 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 23,5000        | C                 | EUR               | 0,7900 | 0,8000 | 0,6500 | 12          | 0,6500 | 0,6400     |      | 1            | 126           | 2385 25-7-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 23,5000        | P                 | EUR               | 2,0000 | 2,2500 | 2,0000 | 2           | 2,2500 | 2,3100     |      | 2            | 20            | 15 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 24,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,5500 | 16          | 0,6000 | 0,5200     |      | 1            | 43            | 399 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 24,0000        | P                 | EUR               | 2,4500 | 2,4500 | 2,4500 | 2           | 2,4500 | 2,6800     |      | 3            | 20            | 229 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 24,5000        | C                 | EUR               | 0,5000 | 0,5500 | 0,5000 | 7           | 0,5000 | 0,4300     |      | 0            | 102           | 159 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 0             | 17 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 25,0000        | C                 | EUR               | 0,4400 | 0,4500 | 0,3700 | 7           | 0,3900 | 0,3500     |      | 0            | 61            | 270 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 25,0000        | P                 | EUR               | 3,0000 | 3,0000 | 3,0000 | 2           | 3,0000 | 3,5100     |      | 4            | 30            | 125 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 25,5000        | C                 | EUR               | 0,3700 | 0,3700 | 0,3200 | 7           | 0,3200 | 0,3000     |      | 0            | 44            | 72 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 0            | 0             | 9 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 26,0000        | C                 | EUR               | 0,3200 | 0,3200 | 0,2600 | 4           | 0,2600 | 0,2400     |      | 0            | 26            | 195 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 0            | 0             | 244 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 26,5000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2100 | 4           | 0,2200 | 0,2100     |      | 0            | 27            | 188 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 29 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 132 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3500     |      | 5            | 0             | 123 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 73 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8300     |      | 6            | 0             | 25 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 28,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     |      | 0            | 1             | 398 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 100 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 180 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     |      | 7            | 0             | 186 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 114 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 0             | 177 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 29,5000        | C                 | EUR               | 0,1000 | 0,1100 | 0,1000 | 5           | 0,1100 | 0,1000     |      | 0            | 8             | 65 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     |      | 8            | 0             | 42 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 113 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     |      | 8            | 0             | 171 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 73 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2400     |      | 9            | 0             | 49 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 142 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2400    |      | 10           | 0             | 355 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0600     |      | 0            | 2             | 41 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2200    |      | 11           | 0             | 6 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 305 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2000    |      | 12           | 0             | 55 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 4 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1900    |      | 13           | 0             | 135 25-7-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 74 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1800    |      | 14           | 0             | 64 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 24 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1800    |      | 16           | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 15 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1700    |      | 18           | 0             | 12 25-7-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     |      | 7            | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     |      | 6            | 0             | 0 25-7-2018        |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 29 25-7-20         |



| 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                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 20,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,7300     |      | 1            | 4             | 439                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 83                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 20,5000        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,9300     |      | 1            | 2             | 107                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 21,0000        | C                 | EUR               | 2,1500 | 2,1500 | 2,0000 | 3           | 2,0000 | 1,9700     |      | 2            | 20            | 64                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 21,0000        | P                 | EUR               | 0,9500 | 1,0000 | 0,9500 | 2           | 1,0000 | 1,1300     |      | 1            | 7             | 180                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 21,5000        | C                 | EUR               | 2,2500 | 2,2500 | 1,9000 | 3           | 1,9000 | 1,7000     |      | 2            | 13            | 67                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 49                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 22,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,5000 | 10          | 1,5000 | 1,4600     |      | 1            | 23            | 194                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 181                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 22,5000        | C                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 2           | 1,6500 | 1,2500     |      | 1            | 10            | 414                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 22,5000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,9200     |      | 2            | 3             | 213                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 23,0000        | C                 | EUR               | 1,3000 | 1,3500 | 1,1000 | 5           | 1,1000 | 1,0800     |      | 1            | 20            | 633                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 149                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 23,5000        | C                 | EUR               | 1,2000 | 1,2000 | 0,9500 | 6           | 0,9500 | 0,9300     |      | 1            | 24            | 189                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 23,5000        | P                 | EUR               | 2,1500 | 2,1500 | 2,1500 | 1           | 2,1500 | 2,6000     |      | 3            | 10            | 18                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 24,0000        | C                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 0,7900     |      | 1            | 1             | 426                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 178                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 24,5000        | C                 | EUR               | 0,8200 | 0,8200 | 0,7500 | 2           | 0,7500 | 0,6700     |      | 1            | 20            | 91                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     |      | 3            | 0             | 15                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 25,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,5800     |      | 1            | 1             | 226                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 25,0000        | P                 | EUR               | 3,4000 | 3,4000 | 3,4000 | 1           | 3,4000 | 3,7400     |      | 4            | 2             | 322                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 25,5000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 3           | 0,5500 | 0,5300     |      | 1            | 27            | 75                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     |      | 4            | 0             | 37                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 26,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 4           | 0,5000 | 0,4400     |      | 0            | 38            | 131                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     |      | 5            | 0             | 79                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 26,5000        | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,3800     |      | 0            | 4             | 77                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     |      | 5            | 0             | 24                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 103                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5000     |      | 6            | 0             | 119                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 172                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9700     |      | 6            | 0             | 764                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 96                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 97                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 39                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9100     |      | 7            | 0             | 70                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 332                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     |      | 7            | 0             | 151                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 47                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8700     |      | 8            | 0             | 20                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 903                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3600     |      | 8            | 0             | 1174               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 95                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     |      | 9            | 0             | 153                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 62                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3100    |      | 10           | 0             | 45                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 32,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 744                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 32,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8000    |      | 11           | 0             | 679                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 6                  | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2900    |      | 11           | 0             | 6                  | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 56                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2700    |      | 12           | 0             | 65                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 671                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2600    |      | 13           | 0             | 1287               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 4                  | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2500    |      | 14           | 0             | 6                  | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 37,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 1065               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 37,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7300    |      | 16           | 0             | 413                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 1481               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2100    |      | 18           | 0             | 1198               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 42,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 1263               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 42,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7000    |      | 21           | 0             | 263                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1772               | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1900    |      | 23           | 0             | 433                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 47,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 271                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 47,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6900    |      | 26           | 0             | 158                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 232                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,1900    |      | 28           | 0             | 83                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 96                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1900    |      | 33           | 0             | 41                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 190                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,1900    |      | 38           | 0             | 280                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 20                 | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,1900    |      | 48           | 0             | 315                | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd 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                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 22,5000        | C                 | EUR               | 1,8000  | 1,8000  | 1,8000  | 1           | 1,8000  | 1,5300     | 2    | 3            | 23            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 22,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1900     | 2    | 0            | 4             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 24,0000        | C                 | EUR               | 1,2500  | 1,2500  | 1,1500  | 3           | 1,1500  | 1,0100     | 1    | 45           | 52            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1800     | 3    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     | 1    | 0            | 5             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9400     | 4    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7900     | 5    | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0400     | 8    | 0            | 2             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 15            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2500     | 6    | 0            | 25            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 562           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6100     | 5    | 0            | 37            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,6700  | 0,6700  | 0,6000  | 4           | 0,6500  | 0,7700     | 1    | 5            | 321           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8700     | 4    | 0            | 15            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,9000  | 0,9500  | 0,9000  | 3           | 0,9500  | 1,0200     | 1    | 12           | 122           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 20,0000        | C                 | EUR               | 3,6000  | 3,6500  | 3,5000  | 3           | 3,5000  | 3,2500     | 3    | 14           | 478           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 20,0000        | P                 | EUR               | 1,2000  | 1,2500  | 1,2000  | 3           | 1,2500  | 1,4100     | 1    | 4            | 582           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 21,0000        | C                 | EUR               | 3,0500  | 3,0500  | 2,7000  | 5           | 2,7500  | 2,7100     | 3    | 14           | 243           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 21,0000        | P                 | EUR               | 1,7500  | 1,8000  | 1,7500  | 4           | 1,8000  | 1,8700     | 2    | 46           | 254           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 22,0000        | C                 | EUR               | 2,5000  | 2,5000  | 2,2000  | 4           | 2,2000  | 2,2300     | 2    | 8            | 254           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 22,0000        | P                 | EUR               | 2,1000  | 2,3500  | 2,1000  | 3           | 2,3500  | 2,3900     | 2    | 11           | 240           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 22,5000        | C                 | EUR               | 2,4000  | 2,4000  | 2,1500  | 3           | 2,1500  | 2,0200     | 2    | 12           | 196           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 22,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6900     | 3    | 0            | 444           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 23,0000        | C                 | EUR               | 1,9500  | 2,0000  | 1,8500  | 4           | 1,8500  | 1,8200     | 2    | 5            | 540           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 23,0000        | P                 | EUR               | 2,8000  | 2,8000  | 2,8000  | 1           | 2,8000  | 2,9900     | 3    | 5            | 144           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 24,0000        | C                 | EUR               | 1,7000  | 1,7000  | 1,5000  | 4           | 1,5000  | 1,5100     | 2    | 47           | 709           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 24,0000        | P                 | EUR               | 3,6500  | 3,6500  | 3,6500  | 1           | 3,6500  | 3,6700     | 4    | 1            | 250           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 25,0000        | C                 | EUR               | 1,5200  | 1,5200  | 1,3000  | 6           | 1,3000  | 1,2400     | 1    | 22           | 2016          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 25,0000        | P                 | EUR               | 3,8000  | 4,4000  | 3,8000  | 3           | 4,4000  | 4,4100     | 4    | 14           | 612           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 26,0000        | C                 | EUR               | 1,1000  | 1,1000  | 1,0500  | 2           | 1,0500  | 1,0200     | 1    | 6            | 418           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1800     | 5    | 0            | 794           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,0000        | C                 | EUR               | 1,0000  | 1,0000  | 0,9000  | 2           | 0,9000  | 0,8500     | 1    | 10           | 87            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,0000        | P                 | EUR               | 5,5000  | 5,5000  | 5,5000  | 1           | 5,5000  | 6,0200     | 6    | 1            | 121           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,5000        | C                 | EUR               | 0,8500  | 0,8500  | 0,8000  | 3           | 0,8000  | 0,7700     | 1    | 12           | 984           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4400     | 0    | 0            | 799           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,7500  | 0,7500  | 0,7500  | 1           | 0,7500  | 0,7000     | 6    | 1            | 322           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8700     | 7    | 0            | 331           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,6100     | 1    | 1            | 371           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7800     | 8    | 0            | 506           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,5000  | 0,5500  | 0,5000  | 2           | 0,5500  | 0,5300     | 1    | 3            | 1841          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 30,0000        | P                 | EUR               | 8,4500  | 8,7000  | 8,4500  | 2           | 8,7000  | 8,7000     | 9    | 4            | 1694          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 31,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 181           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 31,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6100     | 10   | 0            | 623           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 147           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,5500    | 11   | 0            | 84            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,5000        | C                 | EUR               | 0,4000  | 0,4000  | 0,4000  | 1           | 0,4000  | 0,3500     | 0    | 10           | 1378          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,5000        | P                 | EUR               | 10,6500 | 10,6500 | 10,6500 | 1           | 10,6500 | 11,0300    | 11   | 1            | 462           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 33,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     | 0    | 0            | 146           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 33,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5100    | 12   | 0            | 10            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 178           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4800    | 12   | 0            | 190           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 1799          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 13,2000 | 13,2000 | 13,2000 | 1           | 13,2000 | 13,4400    | 13   | 1            | 1309          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 98            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,4100    | 14   | 0            | 12            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 37,5000        | C                 | EUR               | 0,2000  | 0,2000  | 0,2000  | 1           | 0,2000  | 0,2100     | 0    | 50           | 752           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 37,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8900    | 16   | 0            | 334           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 772           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3500    | 18   | 0            | 653           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 42,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 597           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 42,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,8200    | 21   | 0            | 520           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 385           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,3000    | 23   | 0            | 87            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 47,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 522           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 47,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,7800    | 26   | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 661           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,2600    | 28   | 0            | 134           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 94            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,2500    | 33   | 0            | 0             | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 253           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,2400    | 38   | 0            | 22            | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 70,0000        | 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                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 20,000         | P                 | EUR               | 1,7500 | 1,8500 | 1,7500 | 4           | 1,8500 | 1,8800     | 2    | 9            | 1686          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 21,000         | C                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 3,1900     | 3    | 1            | 186           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 21,000         | P                 | EUR               | 2,3000 | 2,3000 | 2,3000 | 1           | 2,3000 | 2,3500     | 2    | 5            | 230           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 22,000         | C                 | EUR               | 2,9000 | 2,9000 | 2,7500 | 4           | 2,7500 | 2,7200     | 3    | 13           | 596           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 22,000         | P                 | EUR               | 2,6000 | 2,7000 | 2,5500 | 3           | 2,7000 | 2,8800     | 3    | 7            | 323           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 23,000         | C                 | EUR               | 2,7500 | 2,7500 | 2,3800 | 8           | 2,3800 | 2,3300     | 2    | 41           | 540           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 23,000         | P                 | EUR               | 3,1000 | 3,4500 | 3,1000 | 5           | 3,4500 | 3,4900     | 3    | 15           | 245           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 24,000         | C                 | EUR               | 2,2500 | 2,2500 | 2,2000 | 2           | 2,2000 | 1,9800     | 2    | 6            | 1766          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 24,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     | 4    | 0            | 256           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 25,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 404           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 25,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     | 5    | 0            | 1465          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 26,000         | C                 | EUR               | 1,7000 | 1,7000 | 1,5000 | 3           | 1,5500 | 1,4900     | 1    | 9            | 241           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 26,000         | P                 | EUR               | 5,3200 | 5,3200 | 5,3200 | 1           | 5,3200 | 5,6700     | 6    | 2            | 94            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 27,000         | C                 | EUR               | 1,3500 | 1,3500 | 1,3000 | 2           | 1,3000 | 1,2400     | 1    | 9            | 155           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 27,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 287           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 28,000         | C                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,0700     | 1    | 9            | 298           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 28,000         | P                 | EUR               | 7,0200 | 7,0200 | 7,0200 | 1           | 7,0200 | 7,2500     | 7    | 2            | 459           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 29,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 138           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 29,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1100     | 8    | 0            | 154           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 30,000         | C                 | EUR               | 0,9000 | 0,9200 | 0,8800 | 57          | 0,8800 | 0,8300     | 1    | 757          | 1517          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0100     | 9    | 0            | 266           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 35,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 241           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 35,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6500    | 14   | 0            | 57            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 40,000         | C                 | EUR               | 0,3600 | 0,3600 | 0,2800 | 56          | 0,2800 | 0,2800     | 0    | 751          | 1007          | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4900    | 18   | 0            | 10            | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 45,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 104           | 25-7-2018          |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 45,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4100    | 23   | 0            | 11            | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,0812    | 83   | 0            | 0             | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,0525    | 83   | 0            | 0             | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,0295    | 83   | 0            | 0             | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,9780    | 83   | 0            | 0             | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,9146    | 83   | 0            | 0             | 25-7-2018          |
| F                | BF6                       | BASF SE - Stock Future                        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,4103    | 80   | 0            | 0             | 25-7-2018          |
| F                | BF8                       | BASF - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 6             | 25-7-2018          |
| F                | BF8                       | BASF - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     | 3    | 0            | 3             | 25-7-2018          |
| F                | BF8                       | BASF - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 25-7-2018          |
| F                | BF8                       | BASF - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 0             | 25-7-2018          |
| F                | BF8                       | BASF - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1700    | 11   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 2             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2200     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 3             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 76,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2300     | 0    | 1            | 6             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5100     | 6    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 13            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 32            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 87,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 50            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 87,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     | 4    | 0            | 50            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 5             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2700     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 89,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 89,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0600     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 91,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 91,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     | 8    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9700     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9400    | 11   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option                           | 17-8-2018   | 96,0000        | P                 | 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                | BFQ                       | BASF - Stock Option | 19-10-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4200     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,2400    | 23   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4100    | 18   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5800    | 16   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7400    | 14   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 21            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9600    | 12   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 31            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4500     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 21            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6400     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     | 2    | 0            | 5             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1500     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 6             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8000     | 6    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 282           | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     | 5    | 0            | 3             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 82,0000        | P                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 3,5600     | 4    | 1            | 501           | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     | 4    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5    | 0            | 9             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 20            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     | 6    | 0            | 16            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9700     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 38            | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4300     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0300    | 10   | 0            | 6000          | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7300    | 12   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5200    | 14   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3900    | 15   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2800    | 17   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1700    | 22   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1000    | 27   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,0800    | 37   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0900    | 47   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,1100    | 57   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 67,1200    | 67   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,1400    | 77   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6800    | 19   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9400    | 16   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1800    | 14   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4700    | 12   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9100     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     | 4    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9200     | 8    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2800     | 9    | 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                | BFQ                       | BASF - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6800    | 18   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,4100    | 22   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1400    | 33   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 50           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3800    | 23   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7300    | 19   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0800    | 16   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3800    | 14   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7600    | 13   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4600    | 10   | 20           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7600     | 10   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9200     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8300     | 6    | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     | 6    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     | 7    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8900     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4700     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     | 4    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1200     | 9    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4900    | 10   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9400    | 12   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5100    | 14   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9800    | 16   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3900    | 20   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,0800    | 25   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9200    | 30   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,8000    | 40   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,7700    | 60   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,7900    | 70   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1400    | 33   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4900    | 23   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,8800    | 15   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2000    | 11   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1300     | 5    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0800     | 8    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     | 7    | 0            | 1             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6700     | 6    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1000    | 10   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     | 4    | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4100    | 13   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1700    | 17   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2500    | 21   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4600    | 30   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0400    | 40   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,9500    | 60   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9800    | 70   | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1900    | 33   | 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                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7200     |      | 9            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9500     |      | 10           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2700     |      | 6            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8800    |      | 13           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3900    |      | 16           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4900    |      | 20           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8000    |      | 25           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,8000    |      | 34           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,2400    |      | 43           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,8900    |      | 63           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,8600    |      | 73           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1700    |      | 33           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8400    |      | 24           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7500    |      | 16           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5500     |      | 7            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3100    |      | 12           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5600     |      | 9            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3100     |      | 9            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9200    |      | 11           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8900     |      | 7            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7900    |      | 14           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     |      | 5            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1300    |      | 17           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9200    |      | 21           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    |      | 25           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,1700    |      | 34           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,6100    |      | 44           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,0000    |      | 63           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,8800    |      | 73           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1600    |      | 33           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8100    |      | 24           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7700    |      | 16           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5800     |      | 9            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3700    |      | 12           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8300    |      | 11           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5100     |      | 10           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5200    |      | 14           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2300     |      | 7            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7000    |      | 17           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     |      | 5            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2900    |      | 20           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     |      | 4            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,2100    |      | 24           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1400     |      | 3            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3900    |      | 28           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,4100    |      | 37           | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 25-7-2018          |
| O                | BFQ                       | BASF - Stock Option            | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,1200    |      | 76           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,8103    |      | 43           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7955    |      | 43           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7837    |      | 43           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7571    |      | 43           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7245    |      | 43           | 0             | 25-7-2018          |
| F                | BG6                       | Billfinger SE - Stock Future   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,6962    |      | 42           | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1677,5900  |      | 1678         | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1635,5300  |      | 1636         | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1636,3200  |      | 1636         | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1638,2300  |      | 1638         | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1605,2200  |      | 1605         | 0             | 25-7-2018          |
| F                | BH6                       | BHP Billiton - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1608,9800  |      | 1609         | 0             | 25-7-2018          |
| F                | BH8                       | BHP Billiton - Dividend Future | 21-12-2018  | 0,0000         |                   | USD               | 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                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 500           | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 13,0000        | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,2000     |      | 0            | 1             | 162                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 12            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 25            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 14,0000        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,5200     |      | 1            | 8             | 172                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 79            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 58                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 15,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     |      | 0            | 3             | 181                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 66                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 15,5000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,0800     |      | 0            | 1             | 64                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 6                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 8             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 17                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 54            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 44                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 35            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     |      | 3            | 0             | 1                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 37            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 71                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 3             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     |      | 6            | 0             | 1                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 6             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     |      | 4            | 0             | 10                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 12            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 2             | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 76                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 76            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 43                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 13,0000        | P                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3200     |      | 0            | 1             | 118                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 10            | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 943                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 277                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 14,5000        | C                 | EUR               | 0,5500 | 0,5500 | 0,4400 | 3           | 0,4400 | 0,4200     |      | 0            | 23            | 48                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 14,5000        | P                 | EUR               | 0,8500 | 0,9000 | 0,8500 | 2           | 0,9000 | 0,9700     |      | 1            | 5             | 24                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 15,0000        | C                 | EUR               | 0,3000 | 0,3500 | 0,3000 | 2           | 0,3500 | 0,2700     |      | 0            | 9             | 933                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 1982               | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 13                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 5                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 16,0000        | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1100     |      | 0            | 1             | 1219               | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 761                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 135                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0300 | 2           | 0,0300 | 0,0400     |      | 0            | 6             | 917                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 0             | 467                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1412               | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     |      | 4            | 0             | 355                | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 67            | 25-7-2018          |           |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     |      | 6            | 0             | 89                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0500     |      | 8            | 0             | 52                 | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0500    |      | 10           | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 14,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,8100     |      | 1            | 2             | 2                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 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                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 1             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 59            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 12,0000        | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3600     | 0    | 10           | 28            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 13,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 3           | 1,7500 | 1,5700     | 2    | 3            | 95            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 254           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 14,0000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9800     | 1    | 10           | 424           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 14,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 3           | 0,8500 | 1,0400     | 1    | 10           | 334           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 599           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     | 2    | 0            | 965           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 674           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 891           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 775           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     | 3    | 0            | 478           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 175           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     | 4    | 0            | 344           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 193           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1000     | 6    | 0            | 373           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0800     | 8    | 0            | 9             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0800    | 10   | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     | 5    | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 10,0000        | C                 | EUR               | 4,2000 | 4,2000 | 4,2000 | 1           | 4,2000 | 4,1300     | 4    | 20           | 70            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 2             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 12,0000        | C                 | EUR               | 2,5500 | 2,5500 | 2,5000 | 3           | 2,5000 | 2,4700     | 2    | 21           | 26            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 33            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 2             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 13,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8800     | 1    | 1            | 21            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 105           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 14,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,3300     | 1    | 1            | 72            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 15,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 2           | 0,8500 | 0,8800     | 1    | 50           | 1427          | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 26            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 16,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5700     | 1    | 2            | 45            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 122           | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 15            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     | 3    | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 11            | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     | 4    | 0            | 4             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     | 6    | 0            | 5             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | BI                        | Brunel International NV Stnd Option               | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1200     | 8    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5341     | 9    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5311     | 9    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4644     | 8    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4591     | 8    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3883     | 8    | 0            | 0             | 25-7-2018          |
| F                | BI6                       | Bankinter SA - Stock Future                       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2928     | 8    | 0            | 0             | 25-7-2018          |
| F                | BI8                       | Bankinter - Dividend Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3310     | 0    | 0            | 0             | 25-7-2018          |
| F                | BI8                       | Bankinter - Dividend Future                       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2248     | 0    | 0            | 0             | 25-7-2018          |
| F                | BI8                       | Bankinter - Dividend Future                       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3230     | 0    | 0            | 0             | 25-7-2018          |
| F                | BI8                       | Bankinter - Dividend Future                       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| F                | BI8                       | Bankinter - Dividend Future                       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| F                | BK6                       | Sky - Stock Future                                | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1508,3800  | 1508 | 0            | 0             | 25-7-2018          |
| F                | BK8                       | Sky - Dividend Future                             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8600    | 35   | 0            | 0             | 25-7-2018          |
| F                | BK8                       | Sky - Dividend Future                             | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,6000    | 38   | 0            | 0             | 25-7-2018          |
| F                | BK8                       | Sky - Dividend Future                             | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,5000    | 42   | 0            | 0             | 25-7-2018          |
| F                | BK8                       | Sky - Dividend Future                             | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,5000    | 42   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4942    | 25   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4854    | 25   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4784    | 25   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4626    | 25   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4431    | 25   | 0            | 0             | 25-7-2018          |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7464    | 25   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5100     | 8    | 0            | 10            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 15            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     | 6    | 0            | 7             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 5             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,         |      |              |               |                    |



| 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 | 17-8-2018   | 23,5000        | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1800     | 0    | 1            | 211           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 24,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,7600     | 2    | 5            | 182           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 24,0000        | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 3           | 0,2800 | 0,2700     | 0    | 27           | 228           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 173           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 24,5000        | P                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 4           | 0,4200 | 0,3800     | 0    | 50           | 296           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 300           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 1239          | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 25,5000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7600     | 1    | 1            | 444           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 25,5000        | P                 | EUR               | 0,8000 | 0,8000 | 0,7000 | 2           | 0,7000 | 0,7600     | 1    | 6            | 555           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 26,0000        | C                 | EUR               | 0,4800 | 0,5500 | 0,4800 | 3           | 0,5500 | 0,5300     | 1    | 12           | 529           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 473           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 130           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 5             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 27,0000        | C                 | EUR               | 0,2100 | 0,2500 | 0,2100 | 3           | 0,2500 | 0,2300     | 0    | 10           | 313           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 113           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 137           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 102           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 10            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     | 5    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5100     | 7    | 0            | 2             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5100     | 9    | 0            | 22            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 18            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5100     | 8    | 0            | 5             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5600     | 6    | 0            | 16            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 199           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5700     | 5    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 1             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     | 4    | 0            | 28            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 684           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 446           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 23,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2100     | 0    | 369          | 2             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 24,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,8900     | 2    | 2            | 717           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 1294          | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 6             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 235           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 2376          | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 25,0000        | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 2           | 0,7500 | 0,7200     | 1    | 16           | 583           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 25,5000        | C                 | EUR               | 0,8500 | 1,0000 | 0,8500 | 2           | 1,0000 | 0,9300     | 1    | 4            | 76            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 124           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 26,0000        | C                 | EUR               | 0,6500 | 0,7500 | 0,6500 | 2           | 0,7500 | 0,7000     | 1    | 4            | 1101          | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 26,0000        | P                 | EUR               | 1,2500 | 1,3000 | 1,2500 | 2           | 1,3000 | 1,2100     | 1    | 17           | 620           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 26,5000        | C                 | EUR               | 0,4800 | 0,5500 | 0,4800 | 2           | 0,5500 | 0,5100     | 1    | 11           | 11            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 445           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 519           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 304           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     | 3    | 0            | 800           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 2           | 0,0900 | 0,0800     | 0    | 3            | 723           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     | 4    | 0            | 367           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 2           | 0,0500 | 0,0300     | 0    | 10           | 787           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     | 5    | 0            | 1087          | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 799           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 187           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 339           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5200     | 9    | 0            | 152           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 386           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 296           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 31            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5200    | 15   | 0            | 85            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5300    | 20   | 0            | 92            | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     | 4    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 146           | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 3             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 1             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 3             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 0             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 3             | 25-7-2018          |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 25,5           |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 29,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     | 0    | 2            | 2             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     | 4    | 0            | 0             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5200     | 10   | 0            | 11            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 10            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     | 8    | 0            | 10            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 253           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6100     | 6    | 0            | 220           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 297           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 332           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 772           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 495           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 265           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     | 2    | 0            | 1397          | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 1081          | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,0000        | C                 | EUR               | 1,6000 | 1,6500 | 1,5500 | 14          | 1,5500 | 1,6500     | 2    | 265          | 972           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,0000        | P                 | EUR               | 1,2000 | 1,2000 | 1,1000 | 8           | 1,1000 | 1,1800     | 1    | 102          | 978           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,0000        | C                 | EUR               | 1,0500 | 1,2000 | 1,0500 | 3           | 1,2000 | 1,1500     | 1    | 3            | 1123          | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 2           | 1,7500 | 1,6900     | 2    | 20           | 956           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 588           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 428           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 1054          | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     | 3    | 0            | 815           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 341           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8700     | 4    | 0            | 275           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 30,0000        | C                 | EUR               | 0,2100 | 0,2200 | 0,2100 | 4           | 0,2200 | 0,2100     | 0    | 20           | 339           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 437           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 868           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6500     | 7    | 0            | 395           | 25-7-2018          |  |
| 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            | 194           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5900     | 9    | 0            | 378           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     | 0    | 2            | 94            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5800     | 10   | 0            | 270           | 25-7-2018          |  |
| 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            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5600    | 15   | 0            | 348           | 25-7-2018          |  |
| 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            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5700    | 20   | 0            | 56            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 16,0000        | C                 | EUR               | 9,7000 | 9,7000 | 9,7000 | 1           | 9,7000 | 9,5200     | 1    | 46           | 25-7-2018     |                    |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 40           | 25-7-2018     |                    |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 49            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 35           | 25-7-2018     |                    |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 20,0000        | C                 | EUR               | 5,6000 | 5,8000 | 5,5500 | 4           | 5,8000 | 5,7100     | 6    | 10           | 282           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 886           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 417           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 423           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     | 3    | 0            | 387           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 185           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 556           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 24,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 1,1300     | 1    | 5            | 297           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     | 2    | 0            | 274           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 264           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 26,0000        | C                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,4700     | 1    | 5            | 271           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 133           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 13            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 0             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 28,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7700     | 1    | 5            | 471           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 143           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 202           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     | 5    | 0            | 243           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6500     | 10   | 0            | 198           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6100     | 8    | 0            | 27            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 1             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7900     | 6    | 0            | 17            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 14            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4    | 0            | 0             | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 22,0000        | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9700     | 1    | 1            | 28            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 12            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 13            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 40            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2    | 0            | 45            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 25,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 1           | 2,2500 | 2,1600     | 2    | 1            | 84            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 25,0000        | P                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 2,1800     | 2    | 1            | 132           | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 26            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 15            | 25-7-2018          |  |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-         |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |  |



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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                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | BSG                       | B&S Group - Stock Option                   | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,0300   | 212  | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,1500   | 212  | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,2500   | 212  | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,5000   | 213  | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,0200   | 208  | 0            | 0             | 25-7-2018          |
| F                | BT6                       | BT Group - Stock Future                    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,5000   | 209  | 0            | 0             | 25-7-2018          |
| F                | BT8                       | BT Group - Dividend Future                 | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    | 15   | 0            | 0             | 25-7-2018          |
| F                | BT8                       | BT Group - Dividend Future                 | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    | 15   | 0            | 0             | 25-7-2018          |
| F                | BT8                       | BT Group - Dividend Future                 | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    | 15   | 0            | 0             | 25-7-2018          |
| F                | BT8                       | BT Group - Dividend Future                 | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    | 15   | 0            | 0             | 25-7-2018          |
| F                | BT8                       | BT Group - Dividend Future                 | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    | 15   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8419    | 80   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8143    | 80   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7923    | 80   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7427    | 80   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,6818    | 80   | 0            | 0             | 25-7-2018          |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,4297    | 76   | 0            | 0             | 25-7-2018          |
| F                | BW8                       | BMW - Dividend Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 10            | 25-7-2018          |
| F                | BW8                       | BMW - Dividend Future                      | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 10            | 25-7-2018          |
| F                | BW8                       | BMW - Dividend Future                      | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     | 4    | 0            | 0             | 25-7-2018          |
| F                | BW8                       | BMW - Dividend Future                      | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| F                | BW8                       | BMW - Dividend Future                      | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9500    | 12   | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     | 8    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     | 6    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5500     | 6    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0100     | 4    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 5             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     | 3    | 0            | 50            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 20            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 79,0000        | P                 | EUR               | 1,2300 | 1,2300 | 1,2300 | 1           | 1,2300 | 1,8700     | 2    | 1            | 12            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 80,0000        | P                 | EUR               | 2,1400 | 2,1400 | 2,1400 | 1           | 2,1400 | 2,3200     | 2    | 10           | 8             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     | 3    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 82,0000        | C                 | EUR               | 1,8400 | 1,8400 | 1,8400 | 1           | 1,8400 | 1,2900     | 1    | 4            | 33            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 2             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 84,0000        | C                 | EUR               | 0,9200 | 0,9200 | 0,9200 | 1           | 0,9200 | 0,7100     | 1    | 1            | 1             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     | 5    | 0            | 4             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6700     | 6    | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option                         | 17-8-2018   | 86,0000        | C                 | EUR               | 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                | BWQ                       | BMW - Stock Option | 19-10-2018  | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3600     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4600     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     |      | 9            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5100    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4000    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6000    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8400    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 13            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    |      | 11           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 15            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3900     |      | 9            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 170           | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8400     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 21            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     |      | 3            | 33            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 14            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     |      | 4            | 6             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 13            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4600     |      | 5            | 12            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 37            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7100     |      | 7            | 5             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 13            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     |      | 7            | 12            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     |      | 2            | 101           | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1000     |      | 8            | 14            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 88,0000        | C                 | EUR               | 1,3100 | 1,3100 | 1,3100 | 1           | 1,3100 | 1,3400     |      | 1            | 18            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6000     |      | 10           | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2500    |      | 11           | 2             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 9             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9200    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 400           | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7100    |      | 15           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 207           | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6500    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 71            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4900    |      | 18           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 7             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4200    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3500    |      | 25           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 30            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3200    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3200    |      | 40           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,3300    |      | 50           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,3500    |      | 60           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,3600    |      | 70           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5600    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0600    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 68,0000        | 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                | BWQ                       | BMW - Stock Option | 15-3-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2300     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0300     |      | 6            | 505           | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 5             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2200     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     |      | 6            | 2             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     |      | 8            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8600     |      | 9            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 12            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    |      | 10           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9500    |      | 12           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6200    |      | 14           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3600    |      | 15           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1400    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9500    |      | 19           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 20            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8200    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6000    |      | 26           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8600    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1900    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8600    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 65,0000        | P                 | EUR               | 2,0700 | 2,0700 | 2,0700 | 1           | 2,0700 | 2,0500     |      | 2            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4500    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9100    |      | 12           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4800    |      | 10           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4500     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8000     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     |      | 6            | 4             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     |      | 9            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6700    |      | 11           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4300    |      | 11           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     |      | 3            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1800    |      | 12           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     |      | 3            | 10            | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6400    |      | 14           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4200    |      | 15           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1500    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8400    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5100    |      | 25           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,2900    |      | 29           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,1400    |      | 34           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,9500    |      | 44           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,8100    |      | 74           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9700    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5900    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - 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                | BWQ                       | BMW - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4100     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5800     |      | 10           | 5             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7400    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4600    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5200    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9400    |      | 25           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5900    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,3500    |      | 34           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,0900    |      | 44           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,9800    |      | 74           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8900    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5500    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4600     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4300    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7900    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6700     |      | 10           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8200     |      | 10           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1600     |      | 7            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8200    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2800    |      | 16           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1300    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,2600    |      | 24           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,6500    |      | 29           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,2100    |      | 33           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,8800    |      | 38           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,4900    |      | 47           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,2300    |      | 77           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9400    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7900    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8100    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2500     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3000    |      | 13           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4300     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3000    |      | 10           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9500    |      | 11           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8500     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8800    |      | 14           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8900     |      | 6            | 3             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2000    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9700    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,0500    |      | 25           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,3200    |      | 29           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7300    |      | 34           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,3300    |      | 38           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,7500    |      | 48           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,2000    |      | 77           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9300    |      | 30           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7900    |      | 21           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option | 18-6-2021   | 60,0000        | 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                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0700     |      | 8            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5000    |      | 17           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1900     |      | 6            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0000    |      | 20           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8200    |      | 24           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,9900    |      | 28           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,3300    |      | 32           | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25-7-2018          |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,1500    |      | 80           | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 656,2300   |      | 656          | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 656,6000   |      | 657          | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 647,9200   |      | 648          | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 648,6800   |      | 649          | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 649,8200   |      | 650          | 0             | 25-7-2018          |
| F                | BX6                       | BAE Systems - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 638,0200   |      | 638          | 0             | 25-7-2018          |
| F                | BX8                       | BAE Systems - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 25-7-2018          |
| F                | BX8                       | BAE Systems - Dividend Future | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5000    |      | 23           | 0             | 25-7-2018          |
| F                | BX8                       | BAE Systems - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    |      | 23           | 0             | 25-7-2018          |
| F                | BX8                       | BAE Systems - Dividend Future | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    |      | 23           | 0             | 25-7-2018          |
| F                | BX8                       | BAE Systems - Dividend Future | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    |      | 23           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,7590    |      | 93           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,7269    |      | 93           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,7013    |      | 93           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,6438    |      | 93           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,5730    |      | 93           | 0             | 25-7-2018          |
| F                | BY6                       | Bayer AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,0125    |      | 90           | 0             | 25-7-2018          |
| F                | BY8                       | Bayer - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7555     |      | 3            | 0             | 25-7-2018          |
| F                | BY8                       | Bayer - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9250     |      | 3            | 0             | 25-7-2018          |
| F                | BY8                       | Bayer - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     |      | 3            | 0             | 25-7-2018          |
| F                | BY8                       | Bayer - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 25-7-2018          |
| F                | BY8                       | Bayer - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8700     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9500     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 6             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 90,5400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 90,5400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 91,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 91,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 92,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 92,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 75            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 93,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 93,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 50            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 94,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 25            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     |      | 4            | 50            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 96,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 5             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 96,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 97,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 97,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5900     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 97,4300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 97,4300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 25            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8500     |      | 6            | 25            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 99,3900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 99,3900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7600     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 100,3800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 100,3800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 101,3600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 101,3600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6500     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 102,3500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 102,3500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6200     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option          | 17-8-2018   | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| 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 | 17-8-2018   | 106,2800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5300    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 17-8-2018   | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 17-8-2018   | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4900    |      | 15           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 17-8-2018   | 110,2200       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 17-8-2018   | 110,2200       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4700    |      | 17           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 68,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8900    |      | 24           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 68,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 73,8100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0000    |      | 19           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 73,8100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1800    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 5             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 2             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 84,6300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 84,6300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 86,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 86,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 14            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 5             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 90,5400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 90,5400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 5             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 91,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 91,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 92,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 92,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 5             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 93,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 93,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 94,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 30            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     |      | 4            | 45            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 1 25-7-2018        |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 96,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 96,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     |      | 5            | 15            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 97,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 97,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     |      | 5            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1800     |      | 6            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 50 25-7-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5100     |      | 7            | 33            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 99,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 2             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 99,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 100,3800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 100,3800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1800     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 101,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 25            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 101,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7200     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 102,3500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 3             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 102,3500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 215           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8700    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 104,3100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 4             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 104,3100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8100    |      | 12           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 106,2800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 106,2800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7300    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 33            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6600    |      | 16           | 4             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 110,2200       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 110,2200       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6100    |      | 18           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 165           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5400    |      | 21           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 29            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4400    |      | 25           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2600    |      | 35           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,0900    |      | 45           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 147,6100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 147,6100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,9200    |      | 55           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 157,4600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 157,4600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,7700    |      | 65           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 177,1400       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-9-2018   | 177,1400       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,4600    |      | 84           | 0             | 25-7-2018          |
| O                | BYQ</                     |                      |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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 | 19-10-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 91,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 91,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 93,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 93,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 19-10-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2000     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 59,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7300    |      | 34           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 59,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,8100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2200    |      | 19           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,8100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6800    |      | 15           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 42            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 63            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 84,6300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7300     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 84,6300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 61            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 86,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 86,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 165           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8900     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 40            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 90,5400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     |      | 6            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 90,5400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 26            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 92,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5100     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 92,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3600     |      | 4            | 37            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 93,4900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 93,4900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 39            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 94,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     |      | 5            | 6             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 96,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 96,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5700     |      | 7            | 32            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 21            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9300     |      | 8            | 211           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 100,3800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 2             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 100,3800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3900     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 102,3500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 102,3500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9800    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 570           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7800    |      | 12           | 2             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 104,3100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 104,3100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6300    |      | 13           | 25            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 106,2800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 106,2800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3600    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 62            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2100    |      | 16           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 110,2200       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 15            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 110,2200       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0500    |      | 18           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 19            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8600    |      | 21           | 150           | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6300    |      | 26           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,3600    |      | 35           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2000    |      | 45           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 147,6100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 147,6100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,0500    |      | 55           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 73,8100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6800    |      | 20           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 73,8100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3400    |      | 15           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 82,6600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0700    |      | 12           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 82,6600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     |      | 2            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 84,6300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6100    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 84,6300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 86,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1800     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 86,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 88,5700        | 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                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5400     | 7    | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 96,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 96,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6700     | 8    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1400     | 3    | 0            | 20            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9800     | 9    | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 100,3800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     | 3    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 100,3800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3900    | 10   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 102,3500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 102,3500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8500    | 12   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    | 13   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 104,3100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 104,3100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4200    | 13   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 106,2800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 106,2800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0600    | 15   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6300    | 17   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 110,2200       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 110,2200       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4100    | 18   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,1400    | 21   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8400    | 26   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,5200    | 36   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 59,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,8500    | 34   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 59,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4600    | 24   | 0            | 27            | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9300    | 19   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7600    | 16   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7400    | 12   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     | 4    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     | 6    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7800     | 8    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     | 7    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7300     | 8    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 93,4900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7900     | 6    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 93,4900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5500     | 9    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     | 5    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1200    | 10   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     | 4    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7800    | 12   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8900    | 13   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4200    | 14   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4700    | 15   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5700    | 20   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,9600    | 24   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5800    | 29   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,1700    | 38   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,9500    | 48   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 59,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,8500    | 34   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 59,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 68,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,6700    | 25   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 68,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4000    | 16   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     | 4    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    | 13   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8300     | 6    | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6900     | 10   | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8900     | 8    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 93,4900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     | 7    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 93,4900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4400    | 10   | 0            | 3             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4000    | 13   | 0            | 1             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     | 4    | 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                | BYQ                       | Bayer - Stock Option           | 20-12-2019  | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 20-12-2019  | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,7200    |      | 39           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 20-12-2019  | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 20-12-2019  | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,3300    |      | 48           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,9500    |      | 33           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,0900    |      | 24           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7300    |      | 17           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9500     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4700    |      | 13           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1400    |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7100    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7700    |      | 13           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5400     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9100    |      | 16           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4900    |      | 19           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3400    |      | 23           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,3500    |      | 27           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,5100    |      | 32           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9100    |      | 36           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,9900    |      | 45           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,4400    |      | 54           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,0800    |      | 33           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5000    |      | 25           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3000     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3700    |      | 17           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1400     |      | 9            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3400    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    |      | 12           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6800    |      | 12           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1200    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5100     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1500    |      | 17           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8500     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,6800    |      | 21           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5700    |      | 25           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3900    |      | 28           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,5600    |      | 33           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,7700    |      | 37           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,6600    |      | 46           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,9100    |      | 55           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,0600    |      | 33           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5400    |      | 25           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6100    |      | 18           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4700    |      | 11           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6100    |      | 15           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9400    |      | 14           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7300    |      | 17           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9200     |      | 10           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9900    |      | 20           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     |      | 8            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5600    |      | 24           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,6100    |      | 28           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     |      | 6            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,5200    |      | 32           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9600    |      | 40           | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 25-7-2018          |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 67,6100    |      | 68           | 0             | 25-7-2018          |
| F                | BZ6                       | Baloise Holding - Stock Future | 17-8-2018   | 0,0000         | CHF               | 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                | CCE                       | Coca-Cola European Partners - Stock Option | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | CCE                       | Coca-Cola European Partners - Stock Option | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     | 4    | 0            | 0             | 25-7-2018          |
| O                | CCE                       | Coca-Cola European Partners - Stock Option | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CCE                       | Coca-Cola European Partners - Stock Option | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 131,6500   | 132  | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 131,7200   | 132  | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 131,7800   | 132  | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 131,9400   | 132  | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 132,1700   | 132  | 0            | 0             | 25-7-2018          |
| F                | CH6                       | Cobham - Stock Future                      | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 132,4800   | 132  | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 31,5029    | 32   | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 31,4920    | 31   | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 31,4833    | 31   | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 31,4637    | 31   | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 31,4397    | 31   | 0            | 0             | 25-7-2018          |
| F                | Cl6                       | Kleppierre SA - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 30,3695    | 30   | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 10            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 2            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 31,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 31,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 4            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 11            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 33,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 35,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     | 4    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     | 5    | 0            | 60            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     | 7    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 7,5100     | 8    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 5,5100     | 6    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 10            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     | 3    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     | 2    | 0            | 10            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 119           | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 31,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 5             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 134           | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 32            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 1             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 125           | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 48            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 13            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     | 5    | 0            | 28            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 21            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 32            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 80            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,5100     | 9    | 0            | 34            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 13,5200    | 14   | 0            | 16            | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 18,5200    | 19   | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 23,5200    | 24   | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 28,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 29,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     | 3    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 31,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 31,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 25-7-2018          |
| O                | CIO                       | Kleppierre SA                              | 19-10-2018  | 32,0000        | 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                | CIO                       | Kleppierre SA              | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     |      | 5            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     |      | 7            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5100     |      | 8            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 40            | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 9             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 67            | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 30,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,5900     |      | 1            | 1             | 40                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 50                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 37                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 84            | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 111                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 36,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,0900     |      | 1            | 29            | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     |      | 5            | 0             | 179                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 112           | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     |      | 7            | 0             | 17                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 2             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5700     |      | 9            | 0             | 45                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5600    |      | 14           | 0             | 20                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5600    |      | 19           | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5700    |      | 24           | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     |      | 8            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 3             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 32            | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 4             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 5                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 4                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 9                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 307           | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     |      | 5            | 0             | 29                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 1             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6000     |      | 9            | 0             | 116                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5900    |      | 14           | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6000    |      | 19           | 0             | 10                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     |      | 8            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 1             | 25-7-2018          |           |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 20                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 52                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 111                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 40                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     |      | 6            | 0             | 104                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7100     |      | 10           | 0             | 137                | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6800    |      | 15           | 0             | 40                 | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CIO                       | Kleppierre SA              | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6900    |      | 20           | 0             | 50                 | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 701,2034   |      | 701          | 0             | 0                  | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 700,9376   |      | 701          | 0             | 0                  | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 700,7284   |      | 701          | 0             | 0                  | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 688,8539   |      | 689          | 0             | 0                  | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 688,5061   |      | 689          | 0             | 0                  | 25-7-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 682,6687   |      | 683          | 0             | 0                  | 25-7-2018 |
| F                | CK6                       | Clariant - Stock Future    | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0898    |      | 23           | 0             | 0                  | 25-7-2018 |
| F                | CK6                       | Clariant - Stock Future    | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0813    |      | 23           | 0             | 0                  | 25-7-2018 |
| F                | CK6                       | Clariant - Stock Future    | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0686    |      | 23           | 0             | 0                  | 25-7-2018 |
| F                | CK6                       | Clariant - Stock Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0487    |      | 23</         |               |                    |           |



| 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                | CQ6                       | Compass Group - Stock Future    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1644,0800  | 1644 | 0            | 0             | 25-7-2018          |
| F                | CQ6                       | Compass Group - Stock Future    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1645,0100  | 1645 | 0            | 0             | 25-7-2018          |
| F                | CQ6                       | Compass Group - Stock Future    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1645,8000  | 1646 | 0            | 0             | 25-7-2018          |
| F                | CQ6                       | Compass Group - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1647,7300  | 1648 | 0            | 0             | 25-7-2018          |
| F                | CQ6                       | Compass Group - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1626,6100  | 1627 | 0            | 0             | 25-7-2018          |
| F                | CQ6                       | Compass Group - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1616,8100  | 1617 | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     | 5    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3000     | 4    | 0            | 10            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 2             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 40            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 70            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     | 3    | 0            | 15            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 26,5000        | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1000     | 0    | 1            | 112           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 27,0000        | C                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,4400     | 2    | 1            | 161           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 258           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 27,5000        | C                 | EUR               | 1,9900 | 2,1000 | 1,9900 | 3           | 2,1000 | 2,0000     | 2    | 60           | 263           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 27,5000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2300     | 0    | 40           | 196           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 134           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 56            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 147           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 28,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,4800     | 0    | 10           | 402           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 282           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 186           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 220           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 29,5000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,9100     | 1    | 10           | 511           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 30,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 3           | 0,5000 | 0,4900     | 0    | 6            | 347           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 86            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 31,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2500     | 0    | 2            | 12            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     | 2    | 0            | 43            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 9             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | 3           | 0,0000 | 2,8500     | 3    | 0            | 10            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 44            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 5             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7300     | 7    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2800    | 11   | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 24            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2800     | 9    | 0            | 41            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 12            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     | 7    | 0            | 10            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 169           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     | 6    | 0            | 60            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 85            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     | 5    | 0            | 16            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 344           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 49            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 193           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     | 3    | 0            | 279           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 238           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 38            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 206           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 196           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 62            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 6             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 28,0000        | C                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7900     | 2    | 2            | 184           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 139           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 34            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 16            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 225           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 29,0000        | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,9000     | 1    | 1            | 185           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 29,5000        | C                 | EUR               | 0,8900 | 0,8900 | 0,8900 | 1           | 0,8900 | 0,9000     | 1    | 40           | 55            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 29,5000        | P                 | EUR               | 1,1300 | 1,1300 | 1,1300 | 1           | 1,1300 | 1,1400     | 1    | 40           | 52            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 329           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 123           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 101           | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 1             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9800     | 3    | 0            | 15            | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     | 5    | 0            | 0             | 25-7-2018          |
| O                | CSM                       | Corbion NV                      | 21-9-2018   | 35,0000        | 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                | CSM                       | Corbion NV                      | 19-10-2018  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     |      | 3            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 29,0000        | C                 | EUR               | 1,3000  | 1,3000 | 1,3000 | 1           | 1,3000 | 1,3200     |      | 1            | 10            | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 29,5000        | C                 | EUR               | 1,1000  | 1,1000 | 1,1000 | 1           | 1,1000 | 1,0400     |      | 1            | 6             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 29,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     |      | 5            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,7800     |      | 7            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,2800    |      | 11           | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,2900     |      | 9            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 19            | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     |      | 7            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 30            | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     |      | 6            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 81            | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     |      | 5            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 175           | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     |      | 5            | 0             | 301                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 101           | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 255                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 398           | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     |      | 3            | 0             | 408                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 51                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,0000        | C                 | EUR               | 2,2000  | 2,2000 | 2,2000 | 2           | 2,2000 | 2,2500     |      | 2            | 20            | 280                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,0000        | P                 | EUR               | 0,9500  | 0,9500 | 0,9500 | 1           | 0,9500 | 1,0100     |      | 1            | 2             | 101                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 189                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 82                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 30,0000        | C                 | EUR               | 1,1500  | 1,1500 | 1,1500 | 1           | 1,1500 | 1,1500     |      | 1            | 2             | 278                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 490                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 89                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     |      | 3            | 0             | 52                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 30            | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,9500     |      | 6            | 0             | 27                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,7900    |      | 11           | 0             | 53                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 15,7900    |      | 16           | 0             | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     |      | 9            | 0             | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0800  | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0800     |      | 0            | 20            | 21                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     |      | 7            | 0             | 30                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |           |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     |      | 6            | 0             | 7                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 17                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9400     |      | 4            | 0             | 69                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 39                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 0             | 84                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 7                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     |      | 3            | 0             | 38                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 54                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 29,0000        | C                 | EUR               | 2,0500  | 2,0500 | 2,0500 | 2           | 2,0500 | 1,9800     |      | 2            | 23            | 233                | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 20                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 31                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 86                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 32,0000        | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 45            | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     |      | 4            | 0             | 2                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 3                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     |      | 6            | 0             | 31                 | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,8800    |      | 11           | 0             | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 0                  | 25-7-2018 |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 15,8300    |      | 16           | 0             | 0                  | 25-7-2018 |
| 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             | 0                  | 25-7-2018 |
| 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             | 0                  | 25-7-2018 |
| 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             | 0                  | 25-7-2018 |
| 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             | 0                  | 25-7-2018 |
| 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             | 0                  | 25-7-2018 |
| F                | CX6                       | CRH PLC - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 29,7832    |      | 30           | 0             | 0                  | 25-7-2018 |
| F                | CX6                       | CRH PLC - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 29,5660    |      | 30           | 0             | 0                  | 25-7-2018 |
| F                |                           |                                 |             |                |                   |                   |         |        |        |             |        |            |      |              |               |                    |           |



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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                                 | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 5             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 25            | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     |      | 4            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 420           | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0800     |      | 5            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 50            | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     |      | 6            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     |      | 7            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6100     |      | 9            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5500     |      | 10           | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4900    |      | 10           | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3300    |      | 15           | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     |      | 5            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     |      | 4            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     |      | 4            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     |      | 5            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 25-7-2018          |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     |      | 6            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6383     |      | 8            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6357     |      | 8            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6336     |      | 8            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6289     |      | 8            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6230     |      | 8            | 0             | 25-7-2018          |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5679     |      | 8            | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 258,4258   |      | 258          | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 258,3746   |      | 258          | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 258,3264   |      | 258          | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 258,1425   |      | 258          | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 257,9187   |      | 258          | 0             | 25-7-2018          |
| F                | DD6                       | Boliden - Stock Future                                       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 248,9467   |      | 249          | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0715     |      | 2            | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0708     |      | 2            | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0702     |      | 2            | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0690     |      | 2            | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0674     |      | 2            | 0             | 25-7-2018          |
| F                | DI6                       | Distribuidora Internacional de Alimentacion SA - S           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0660     |      | 2            | 0             | 25-7-2018          |
| F                | DI8                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 25-7-2018          |
| F                | DI8                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25-7-2018          |
| F                | DI8                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25-7-2018          |
| F                | DI8                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 25-7-2018          |
| F                |                           |  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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      | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0400    |      | 15           | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0100    |      | 19           | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     |      | 2            | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3100    |      | 23           | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,6300    |      | 33           | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 25-7-2018          |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,1600    |      | 52           | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,5063   |      | 163          | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,6533   |      | 163          | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,8725   |      | 163          | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 163,2863   |      | 163          | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 163,8810   |      | 164          | 0             | 25-7-2018          |
| F                | DN6                       | DNB - Stock Future              | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,2710   |      | 157          | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2808,0000  |      | 2808         | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2809,5900  |      | 2810         | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2810,9400  |      | 2811         | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2814,2300  |      | 2814         | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2793,1900  |      | 2793         | 0             | 25-7-2018          |
| F                | DO6                       | Diageo - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2799,7200  |      | 2800         | 0             | 25-7-2018          |
| F                | DO8                       | Diageo - Dividend Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,4000    |      | 65           | 0             | 25-7-2018          |
| F                | DO8                       | Diageo - Dividend Future        | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,8000    |      | 69           | 0             | 25-7-2018          |
| F                | DO8                       | Diageo - Dividend Future        | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 25-7-2018          |
| F                | DO8                       | Diageo - Dividend Future        | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 25-7-2018          |
| F                | DO8                       | Diageo - Dividend Future        | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,8435    |      | 29           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,8335    |      | 29           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,8255    |      | 29           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,8076    |      | 29           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,7856    |      | 29           | 0             | 25-7-2018          |
| F                | DP6                       | Deutsche Post AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,8667    |      | 28           | 0             | 25-7-2018          |
| F                | DP8                       | Deutsche Post - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 25-7-2018          |
| F                | DP8                       | Deutsche Post - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | DP8                       | Deutsche Post - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 25-7-2018          |
| F                | DP8                       | Deutsche Post - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| F                | DP8                       | Deutsche Post - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     |      | 2            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 27,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 28,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    | 17-8-2018   | 29,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 25-7-2018          |
| O                | DPQ                       | Deutsche Post - Stock Option    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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                | DPQ                       | Deutsche Post - Stock Option      | 18-6-2021   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     |      | 1            | 0             | 25-7-2018          |           |
| O                | DPQ                       | Deutsche Post - Stock Option      | 18-6-2021   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4500     |      | 9            | 0             | 25-7-2018          |           |
| O                | DPQ                       | Deutsche Post - Stock Option      | 18-6-2021   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     |      | 1            | 0             | 25-7-2018          |           |
| O                | DPQ                       | Deutsche Post - Stock Option      | 18-6-2021   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8800    |      | 15           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 89,1097    |      | 89           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 89,0790    |      | 89           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 89,0544    |      | 89           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 88,9991    |      | 89           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 88,9311    |      | 89           | 0             | 25-7-2018          |           |
| F                | DS6                       | DSM NV Koninklijke - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 87,4523    |      | 87           | 0             | 25-7-2018          |           |
| F                | DS8                       | DSM Koninklijke - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5500     |      | 2            | 0             | 25-7-2018          |           |
| F                | DS8                       | DSM Koninklijke - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     |      | 2            | 0             | 25-7-2018          |           |
| F                | DS8                       | DSM Koninklijke - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     |      | 2            | 0             | 25-7-2018          |           |
| F                | DS8                       | DSM Koninklijke - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     |      | 2            | 0             | 25-7-2018          |           |
| F                | DS8                       | DSM Koninklijke - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     |      | 2            | 0             | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,7800    |      | 18           | 0             | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 22            | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7800    |      | 14           | 0             | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 76,0000        | P                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 1           | 0,0300  | 0,0400     |      | 0            | 165           | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 80,0000        | C                 | EUR               | 10,0700 | 10,0700 | 10,0700 | 1           | 10,0700 | 9,7800     |      | 10           | 1             | 33                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 429           | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 82,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8100     |      | 8            | 0             | 16                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 82,0000        | P                 | EUR               | 0,1200  | 0,1200  | 0,1200  | 1           | 0,1200  | 0,1300     |      | 0            | 10            | 92                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 84,0000        | C                 | EUR               | 6,2000  | 6,2000  | 6,2000  | 1           | 6,2000  | 5,8600     |      | 6            | 1             | 80                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 84,0000        | P                 | EUR               | 0,2300  | 0,2300  | 0,2200  | 5           | 0,2300  | 0,2700     |      | 0            | 13            | 1225               | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 86,0000        | C                 | EUR               | 4,3500  | 4,3500  | 4,3500  | 1           | 4,3500  | 4,0300     |      | 4            | 1             | 164                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 86,0000        | P                 | EUR               | 0,6000  | 0,6000  | 0,4400  | 8           | 0,5800  | 0,5700     |      | 1            | 20            | 428                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 88,0000        | C                 | EUR               | 2,7500  | 2,8500  | 2,6100  | 5           | 2,8500  | 2,4800     |      | 2            | 28            | 449                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 88,0000        | P                 | EUR               | 1,1000  | 1,1000  | 1,0000  | 9           | 1,1000  | 1,1900     |      | 1            | 31            | 518                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 90,0000        | C                 | EUR               | 1,4900  | 1,5500  | 1,3200  | 20          | 1,3200  | 1,3400     |      | 1            | 61            | 853                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 90,0000        | P                 | EUR               | 2,1500  | 2,1500  | 1,8800  | 12          | 2,1300  | 2,1700     |      | 2            | 39            | 399                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 92,0000        | C                 | EUR               | 0,6900  | 0,7700  | 0,6800  | 10          | 0,7700  | 0,6200     |      | 1            | 58            | 898                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 92,0000        | P                 | EUR               | 3,4200  | 3,4200  | 3,2700  | 3           | 3,2700  | 3,5300     |      | 4            | 5             | 186                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 94,0000        | C                 | EUR               | 0,3200  | 0,3300  | 0,3200  | 3           | 0,3300  | 0,2600     |      | 0            | 10            | 32                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 94,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2200     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 96,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 126                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0700     |      | 7            | 0             | 212                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 100,0000       | C                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 1           | 0,0400  | 0,0200     |      | 0            | 36            | 36                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9700    |      | 11           | 0             | 41                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 17-8-2018   | 104,0000       | P                 | EUR               | 14,4500 | 14,4500 | 14,4500 | 1           | 14,4500 | 14,9700    |      | 15           | 10            | 30                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,7800    |      | 45           | 0             | 0                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 74            | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    |      | 40           | 0             | 3                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 79            | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7800    |      | 35           | 0             | 64                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 298           | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7800    |      | 30           | 0             | 3                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 399           | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7800    |      | 25           | 0             | 35                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 1097          | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,8100    |      | 20           | 0             | 228                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 1           | 0,0400  | 0,0200     |      | 0            | 2             | 1112               | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,7800    |      | 18           | 0             | 1                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7800    |      | 15           | 0             | 44                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 75,0000        | P                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,1100     |      | 0            | 5             | 2002               | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 78,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7800    |      | 12           | 0             | 32                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 78,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 381           | 25-7-2018          |           |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 80,0000        | C                 | EUR               | 10,1400 | 10,2000 | 10,1000 | 3           | 10,2000 | 9,8300     |      | 10           | 17            | 629                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 80,0000        | P                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2600     |      | 0            | 2             | 1193               | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 82,0000        | C                 | EUR               | 8,1500  | 8,1500  | 8,1500  | 1           | 8,1500  | 7,8600     |      | 8            | 10            | 93                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 82,0000        | P                 | EUR               | 0,4300  | 0,4300  | 0,4300  | 1           | 0,4300  | 0,4400     |      | 0            | 5             | 186                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 84,0000        | C                 | EUR               | 6,4000  | 6,4000  | 6,4000  | 1           | 6,4000  | 6,0100     |      | 6            | 10            | 193                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 84,0000        | P                 | EUR               | 0,7000  | 0,7000  | 0,6500  | 4           | 0,7000  | 0,7300     |      | 1            | 10            | 731                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 85,0000        | C                 | EUR               | 5,4000  | 5,4000  | 5,4000  | 1           | 5,4000  | 5,1600     |      | 5            | 4             | 875                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 85,0000        | P                 | EUR               | 0,9300  | 0,9500  | 0,8500  | 4           | 0,8900  | 0,9500     |      | 1            | 13            | 637                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 86,0000        | C                 | EUR               | 4,5300  | 4,5300  | 4,5300  | 1           | 4,5300  | 4,3700     |      | 4            | 7             | 311                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 86,0000        | P                 | EUR               | 1,0700  | 1,0700  | 1,0700  | 1           | 1,0700  | 1,2200     |      | 1            | 2             | 97                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 88,0000        | C                 | EUR               | 3,3100  | 3,3100  | 3,1000  | 4           | 3,1000  | 3,0200     |      | 3            | 12            | 783                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 88,0000        | P                 | EUR               | 1,7200  | 1,7200  | 1,7200  | 1           | 1,7200  | 1,9400     |      | 2            | 3             | 155                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 90,0000        | C                 | EUR               | 2,0800  | 2,2200  | 2,0600  | 11          | 2,2200  | 1,9800     |      | 2            | 30            | 2260               | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 90,0000        | P                 | EUR               | 2,8800  | 2,8800  | 2,6900  | 4           | 2,6900  | 2,9400     |      | 3            | 31            | 611                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 92,0000        | C                 | EUR               | 1,2600  | 1,4000  | 1,2600  | 8           | 1,3600  | 1,2400     |      | 1            | 18            | 339                | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2000     |      | 4            | 0             | 72                 | 25-7-2018 |
| O                | DSM                       | Koninklijke DSM N.V               | 21-9-2018   | 95,000         |                   |                   |         |         |         |             |         |            |      |              |               |                    |           |



| 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                | DSM                       | Koninklijke DSM N.V. | 21-9-2018   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 12            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-9-2018   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,9600    | 51   | 0            | 30            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 76,0000        | C                 | EUR               | 14,1000 | 14,1000 | 14,1000 | 1           | 14,1000 | 13,7800    | 14   | 1            | 1             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 76,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 80,0000        | C                 | EUR               | 10,0500 | 10,0500 | 10,0500 | 2           | 10,0500 | 9,8600     | 10   | 20           | 75            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 80,0000        | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,4700     | 0    | 2            | 23            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 84,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2300     | 6    | 0            | 1             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 84,0000        | P                 | EUR               | 1,0200  | 1,0200  | 1,0200  | 1           | 1,0200  | 1,1000     | 1    | 2            | 26            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 86,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7300     | 5    | 0            | 36            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 86,0000        | P                 | EUR               | 1,5400  | 1,5400  | 1,5400  | 1           | 1,5400  | 1,6600     | 2    | 3            | 3             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 88,0000        | C                 | EUR               | 3,6400  | 3,6400  | 3,5500  | 2           | 3,5500  | 3,4600     | 3    | 13           | 13            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 88,0000        | P                 | EUR               | 2,2200  | 2,2400  | 2,2200  | 3           | 2,2200  | 2,4200     | 2    | 9            | 18            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     | 2    | 0            | 21            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 90,0000        | P                 | EUR               | 3,3000  | 3,3000  | 3,3000  | 1           | 3,3000  | 3,4200     | 3    | 3            | 3             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 92,0000        | C                 | EUR               | 1,8500  | 1,8500  | 1,7700  | 3           | 1,7700  | 1,6600     | 2    | 10           | 10            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6500     | 5    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 96,0000        | C                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 1           | 0,8000  | 0,7100     | 1    | 1            | 8             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7200     | 8    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2900    | 11   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-10-2018  | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1200    | 15   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,7800    | 65   | 0            | 0             | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,7800    | 60   | 0            | 2             | 25-7-2018          |
| 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            | 476           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 54,7800    | 55   | 0            | 0             | 25-7-2018          |
| 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            | 272           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,7800    | 50   | 0            | 129           | 25-7-2018          |
| 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            | 1037          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,7800    | 45   | 0            | 1             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1003          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    | 40   | 0            | 110           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 1231          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7800    | 35   | 0            | 217           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 1176          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7800    | 30   | 0            | 69            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 1571          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7800    | 25   | 0            | 90            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 3066          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,7800    | 20   | 0            | 428           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 70,0000        | P                 | EUR               | 0,2100  | 0,2100  | 0,2100  | 1           | 0,2100  | 0,2100     | 1    | 1            | 3489          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 75,0000        | C                 | EUR               | 15,3000 | 15,3000 | 15,3000 | 1           | 15,3000 | 14,8300    | 15   | 10           | 2279          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 75,0000        | P                 | EUR               | 0,4700  | 0,4800  | 0,4700  | 3           | 0,4800  | 0,4900     | 0    | 7            | 2131          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 80,0000        | C                 | EUR               | 10,3000 | 10,5700 | 10,2000 | 7           | 10,2000 | 10,1800    | 10   | 43           | 2327          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 80,0000        | P                 | EUR               | 1,0500  | 1,0500  | 1,0300  | 2           | 1,0300  | 1,1000     | 1    | 3            | 2913          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 85,0000        | C                 | EUR               | 6,6500  | 6,6500  | 6,6500  | 1           | 6,6500  | 6,3600     | 6    | 1            | 1212          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 85,0000        | P                 | EUR               | 2,3000  | 2,3000  | 2,2000  | 4           | 2,2000  | 2,3500     | 2    | 5            | 3192          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 90,0000        | C                 | EUR               | 3,6500  | 3,7200  | 3,6500  | 2           | 3,7200  | 3,5400     | 4    | 21           | 3170          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 90,0000        | P                 | EUR               | 4,3600  | 4,3600  | 4,2500  | 4           | 4,2500  | 4,5300     | 5    | 18           | 2740          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 95,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7400     | 2    | 0            | 937           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 95,0000        | P                 | EUR               | 7,7500  | 7,7500  | 7,4000  | 3           | 7,4000  | 7,7600     | 8    | 14           | 282           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 100,0000       | C                 | EUR               | 0,8100  | 0,8300  | 0,8100  | 6           | 0,8300  | 0,7800     | 1    | 21           | 1523          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8400    | 12   | 0            | 1805          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 91            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,1900    | 21   | 0            | 14            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 34            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,1400    | 31   | 0            | 69            | 25-7-2018          |
| 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            | 34            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,1700    | 51   | 0            | 35            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,8100    | 35   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 51            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 60,0000        | C                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 29,8100    | 30   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 83            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,8300    | 20   | 0            | 57            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 143           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,0800    | 15   | 0            | 220           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9700     | 1    | 0            | 260           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 80,0000        | C                 | EUR               | 11,1000 | 11,1000 | 11,1000 | 1           | 11,1000 | 10,8600    | 11   | 2            | 304           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 80,0000        | P                 | EUR               | 1,8000  | 1,8000  | 1,8000  | 1           | 1,8000  | 1,8600     | 2    | 4            | 203           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3400     | 7    | 0            | 228           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3800     | 3    | 0            | 1315          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 90,0000        | C                 | EUR               | 4,6500  | 4,7700  | 4,6500  | 3           | 4,7700  | 4,5900     | 5    | 18           | 461           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6600     | 6    | 0            | 146           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 95,0000        | C                 | EUR               | 2,7100  | 2,8000  | 2,6800  | 4           | 2,6800  | 2,6700     | 3    | 34           | 146           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7600     |      |              |               |                    |



| 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. | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 1087          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7800    | 35   | 0            | 31            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 795           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7900    | 30   | 0            | 57            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 60,0000        | P                 | EUR               | 0,2800  | 0,2800  | 0,2800  | 1           | 0,2800  | 0,2900     | 0    | 3            | 276           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 70,0000        | C                 | EUR               | 20,2500 | 20,2500 | 20,2000 | 2           | 20,2000 | 19,9000    | 20   | 54           | 869           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 70,0000        | P                 | EUR               | 1,0200  | 1,0200  | 1,0200  | 4           | 1,0200  | 1,0700     | 1    | 15           | 1200          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 80,0000        | C                 | EUR               | 11,8000 | 11,8000 | 11,7500 | 2           | 11,7500 | 11,4600    | 11   | 2            | 2880          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 80,0000        | P                 | EUR               | 3,0300  | 3,0300  | 3,0300  | 1           | 3,0300  | 3,1600     | 3    | 2            | 1418          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1400     | 8    | 0            | 61            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0300     | 5    | 0            | 55            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 90,0000        | C                 | EUR               | 5,6500  | 5,7000  | 5,5200  | 14          | 5,5200  | 5,4400     | 136  | 1347         | 25-7-2018     |                    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 90,0000        | P                 | EUR               | 7,5000  | 7,5000  | 7,3000  | 13          | 7,4800  | 7,5900     | 8    | 141          | 1002          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 95,0000        | C                 | EUR               | 3,6200  | 3,6200  | 3,5600  | 2           | 3,5600  | 3,4700     | 3    | 7            | 146           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7600    | 11   | 0            | 26            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 100,0000       | C                 | EUR               | 2,2500  | 2,2500  | 2,2500  | 2           | 2,2500  | 2,1000     | 2    | 12           | 974           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5200    | 15   | 0            | 77            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     | 1    | 0            | 32            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,2400    | 23   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 120,0000       | C                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2100     | 0    | 2            | 2             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,8200    | 33   | 0            | 25            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 62,7300    | 63   | 0            | 185           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,8500    | 65   | 0            | 0             | 25-7-2018          |
| 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            | 133           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,7800    | 60   | 0            | 3             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 608           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 54,7800    | 55   | 0            | 3             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 285           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,7800    | 50   | 0            | 2             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 684           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,7800    | 45   | 0            | 24            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 522           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    | 40   | 0            | 66            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 1173          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7800    | 35   | 0            | 6             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 920           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,7800    | 30   | 0            | 315           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 60,0000        | P                 | EUR               | 0,7700  | 0,7700  | 0,7600  | 2           | 0,7600  | 0,7800     | 1    | 11           | 422           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 65,0000        | C                 | EUR               | 25,2000 | 25,2000 | 25,2000 | 1           | 25,2000 | 24,8300    | 25   | 1            | 423           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3100     | 1    | 0            | 290           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 70,0000        | C                 | EUR               | 20,4300 | 20,4700 | 20,4300 | 7           | 20,4700 | 20,2100    | 20   | 140          | 591           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 70,0000        | P                 | EUR               | 2,0500  | 2,0500  | 2,0500  | 4           | 2,0500  | 2,1100     | 2    | 22           | 343           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 80,0000        | C                 | EUR               | 12,6200 | 12,6200 | 12,4500 | 7           | 12,4500 | 12,4100    | 12   | 122          | 1272          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 80,0000        | P                 | EUR               | 4,8600  | 4,9000  | 4,7700  | 3           | 4,7700  | 4,9000     | 5    | 11           | 671           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 90,0000        | C                 | EUR               | 6,8800  | 7,0000  | 6,8800  | 3           | 7,0000  | 6,7400     | 7    | 28           | 894           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6600     | 10   | 0            | 227           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 100,0000       | C                 | EUR               | 3,4400  | 3,4400  | 3,3500  | 4           | 3,4000  | 3,2600     | 3    | 9            | 1766          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,4400    | 16   | 0            | 298           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 110,0000       | C                 | EUR               | 1,5100  | 1,5400  | 1,5000  | 3           | 1,5000  | 1,4900     | 1    | 8            | 90            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7200    | 25   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,4900    | 63   | 0            | 195           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    | 40   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     | 1    | 0            | 10            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8100    | 30   | 0            | 3             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4200     | 1    | 0            | 406           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,6100    | 21   | 0            | 2             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3100     | 3    | 0            | 31            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2100    | 13   | 0            | 4             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6800     | 7    | 0            | 4             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7900     | 8    | 0            | 79            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 90,0000        | P                 | EUR               | 11,6500 | 11,7000 | 11,6500 | 4           | 11,7000 | 11,7800    | 12   | 40           | 93            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3000     | 4    | 0            | 80            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 100,0000       | P                 | EUR               | 18,3000 | 18,3000 | 18,3000 | 1           | 18,3000 | 18,6400    | 19   | 10           | 50            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3000     | 2    | 0            | 12            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8200    | 27   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 65,0400    | 65   | 0            | 10            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,7800    | 65   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 106           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,7800    | 60   | 0            | 0             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 208           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,7800    | 50   | 0            | 9             | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 819           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,7800    |      |              |               |                    |



| 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                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,9600    | 21   | 0            | 281           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3400     | 4    | 0            | 202           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 80,0000        | C                 | EUR               | 14,1000 | 14,1000 | 14,1000 | 1           | 14,1000 | 13,8600    | 14   | 4            | 619           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0600     | 8    | 0            | 163           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 90,0000        | C                 | EUR               | 8,8500  | 8,8500  | 8,8500  | 1           | 8,8500  | 8,6600     | 9    | 1            | 237           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 90,0000        | P                 | EUR               | 13,0500 | 13,2500 | 13,0500 | 2           | 13,2500 | 13,3100    | 13   | 2            | 155           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1700     | 5    | 0            | 375           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,0900    | 20   | 0            | 149           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 189           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 65,8200    | 66   | 0            | 405           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,7800    | 50   | 0            | 26            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5600     | 1    | 0            | 193           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,7800    | 45   | 0            | 10            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     | 1    | 0            | 229           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    | 40   | 0            | 49            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4700     | 1    | 0            | 384           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7800    | 35   | 0            | 339           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2300     | 2    | 0            | 307           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8800    | 30   | 0            | 156           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2400     | 3    | 0            | 592           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,3800    | 25   | 0            | 475           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5400     | 5    | 0            | 645           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 70,0000        | C                 | EUR               | 21,5500 | 21,5500 | 21,5500 | 1           | 21,5500 | 21,4100    | 21   | 2            | 385           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 70,0000        | P                 | EUR               | 6,0500  | 6,0500  | 6,0500  | 1           | 6,0500  | 6,1500     | 6    | 1            | 380           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,8600    | 18   | 0            | 340           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0800     | 8    | 0            | 908           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 80,0000        | C                 | EUR               | 15,1000 | 15,1000 | 15,1000 | 1           | 15,1000 | 14,7900    | 15   | 1            | 560           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 80,0000        | P                 | EUR               | 10,2000 | 10,2000 | 10,2000 | 1           | 10,2000 | 10,3800    | 10   | 1            | 318           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9100     | 10   | 0            | 256           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 90,0000        | P                 | EUR               | 15,7000 | 15,9000 | 15,7000 | 2           | 15,9000 | 15,9800    | 16   | 2            | 65            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 100,0000       | C                 | EUR               | 6,5500  | 6,5500  | 6,5500  | 1           | 6,5500  | 6,4400     | 6    | 1            | 546           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,8600    | 23   | 0            | 178           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     | 1    | 0            | 174           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,7200    | 68   | 0            | 114           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,7800    | 40   | 0            | 13            | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2200     | 2    | 0            | 476           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,9600    | 30   | 0            | 259           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 60,0000        | P                 | EUR               | 4,3700  | 4,3700  | 4,2900  | 2           | 4,2900  | 4,4600     | 4    | 2            | 438           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,6100    | 16   | 0            | 531           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 80,0000        | P                 | EUR               | 12,2500 | 12,2500 | 12,2500 | 1           | 12,2500 | 12,4100    | 12   | 1            | 1185          | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 90,0000        | C                 | EUR               | 11,0500 | 11,0700 | 11,0500 | 2           | 11,0700 | 10,8900    | 11   | 5            | 432           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 90,0000        | P                 | EUR               | 17,8500 | 17,8500 | 17,8500 | 1           | 17,8500 | 18,1300    | 18   | 1            | 159           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 100,0000       | C                 | EUR               | 7,5000  | 7,5000  | 7,5000  | 1           | 7,5000  | 7,4900     | 7    | 1            | 909           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 100,0000       | P                 | EUR               | 25,0000 | 25,0000 | 25,0000 | 1           | 25,0000 | 25,0400    | 25   | 2            | 321           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1400     | 1    | 0            | 309           | 25-7-2018          |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,2900    | 69   | 0            | 266           | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 17-8-2018   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 516,8551   | 517  | 0            | 0             | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 21-9-2018   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 516,6592   | 517  | 0            | 0             | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 19-10-2018  | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 516,5049   | 517  | 0            | 0             | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 21-12-2018  | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 516,2276   | 516  | 0            | 0             | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 15-3-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 513,6654   | 514  | 0            | 0             | 25-7-2018          |
| F                | DV6                       | DSV - Stock Future            | 21-6-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 513,4116   | 513  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 345,1200   | 345  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 339,7200   | 340  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 339,8800   | 340  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 340,2800   | 340  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 340,8800   | 341  | 0            | 0             | 25-7-2018          |
| F                | DX6                       | Drax Group - Stock Future     | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 334,2700   | 334  | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5248    | 23   | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5170    | 23   | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5108    | 23   | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,4968    | 22   | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,4797    | 22   | 0            | 0             | 25-7-2018          |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,9148    | 22   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,5056    | 20   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,4988    | 19   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3035    | 19   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2915    | 19   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2768    | 19   | 0            | 0             | 25-7-2018          |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0541    | 19   | 0            | 0             | 25-7-2018          |
| F                | EE6                       | Endesa SA - Stock Future      | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,5056    | 20   | 0            | 0             | 25-7-2018          |
| F                | EE6                       | Endesa SA - Stock Future      | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,4988    | 19   | 0            | 0             | 25-7-2018          |
| F                | EE6                       | Endesa SA - Stock Future      | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,4935    | 19   | 0            | 0             | 25-7-2018          |
| F                | EE6                       | Endesa SA - Stock Future      | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,4813    | 19   | 0            | 0             | 25-7-2018          |
| F                | EE6                       | Endesa SA - Stock Future      | 15-3-2019   | 0,0000         | 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 |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | EG6                       | Enagas SA - Stock Future                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8361    |      | 23           | 0             | 25-7-2018          |
| F                | EG6                       | Enagas SA - Stock Future                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8209    |      | 23           | 0             | 25-7-2018          |
| F                | EG8                       | Enagas - Dividend Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 25-7-2018          |
| F                | EG8                       | Enagas - Dividend Future                    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     |      | 1            | 0             | 25-7-2018          |
| F                | EG8                       | Enagas - Dividend Future                    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 25-7-2018          |
| F                | EG8                       | Enagas - Dividend Future                    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| F                | EG8                       | Enagas - Dividend Future                    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8716    |      | 37           | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8589    |      | 37           | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8487    |      | 37           | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8258    |      | 37           | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,7977    |      | 37           | 0             | 25-7-2018          |
| F                | El6                       | Elisa OYJ - Stock Future                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,0242    |      | 35           | 0             | 25-7-2018          |
| F                | El8                       | Elisa - Dividend Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 25-7-2018          |
| F                | El8                       | Elisa - Dividend Future                     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 25-7-2018          |
| F                | El8                       | Elisa - Dividend Future                     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 25-7-2018          |
| F                | El8                       | Elisa - Dividend Future                     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 25-7-2018          |
| F                | El8                       | Elisa - Dividend Future                     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,3717    |      | 36           | 0             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,3592    |      | 36           | 0             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,3492    |      | 36           | 0             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,3266    |      | 36           | 0             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,2988    |      | 36           | 0             | 25-7-2018          |
| F                | EKG                       | Erste Group Bank AG - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,0749    |      | 35           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6360    |      | 18           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6299    |      | 18           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6250    |      | 18           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6141    |      | 18           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3308    |      | 17           | 0             | 25-7-2018          |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3193    |      | 17           | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7100    |      | 15           | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7100    |      | 13           | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7200    |      | 11           | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7400     |      | 9            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     |      | 7            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 21            | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 50,0000        | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2200     |      | 0            | 1             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0100     |      | 4            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     |      | 3            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 80            | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 35            | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 1             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     |      | 2            | 1             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 3             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 22            | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     |      | 4            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 7             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 4            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 16            | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3900     |      | 5            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     |      | 9            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3200    |      | 13           | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd Option                     | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3200    |      | 17           | 0             | 25-7-2018          |
| O                | ENX                       | Euronext - Strnd                            |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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                | FC6                       | Leonardo SpA - Stock Future                 | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1723     |      | 9            | 0             | 25-7-2018          |           |
| F                | FC6                       | Leonardo SpA - Stock Future                 | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1666     |      | 9            | 0             | 25-7-2018          |           |
| F                | FC6                       | Leonardo SpA - Stock Future                 | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1596     |      | 9            | 0             | 25-7-2018          |           |
| F                | FC6                       | Leonardo SpA - Stock Future                 | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0035     |      | 9            | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,1800    |      | 89           | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,2300    |      | 89           | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,2700    |      | 89           | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,3800    |      | 89           | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,5400    |      | 90           | 0             | 25-7-2018          |           |
| F                | FI6                       | Firstgroup - Stock Future                   | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,7500    |      | 90           | 0             | 25-7-2018          |           |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 25-7-2018          |           |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 25-7-2018          |           |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 25-7-2018          |           |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 25-7-2018          |           |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 394,0895   |      | 394          | 0             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 393,9401   |      | 394          | 0             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 393,8225   |      | 394          | 0             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 393,6110   |      | 394          | 0             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 393,4111   |      | 393          | 0             | 25-7-2018          |           |
| F                | FL6                       | FLSmidth & Co - Stock Future                | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 384,2215   |      | 384          | 0             | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 25,0000        | P                 | EUR               | 0,4200 | 0,5000 | 0,4000 | 10          | 0,5000 | 0,4500     |      | 0            | 43            | 871                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     |      | 3            | 0             | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 26,0000        | P                 | EUR               | 0,6500 | 0,6800 | 0,5500 | 5           | 0,6500 | 0,6700     |      | 1            | 23            | 578                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 27,0000        | C                 | EUR               | 2,8500 | 3,0000 | 2,8500 | 2           | 3,0000 | 2,4400     |      | 2            | 3             | 5                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 27,0000        | P                 | EUR               | 0,9000 | 1,0500 | 0,9000 | 3           | 1,0500 | 0,9700     |      | 1            | 7             | 811                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 28,0000        | C                 | EUR               | 1,9500 | 2,1000 | 1,9000 | 3           | 1,9000 | 1,7600     |      | 2            | 4             | 11                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 28,0000        | P                 | EUR               | 1,1500 | 1,3500 | 1,1000 | 4           | 1,3500 | 1,3700     |      | 1            | 24            | 181                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 28,5000        | C                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,4900     |      | 1            | 1             | 1                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 28,5000        | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 2           | 1,6000 | 1,6400     |      | 2            | 2             | 27                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 29,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,2000 | 3           | 1,2000 | 1,2500     |      | 1            | 13            | 54                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 29,0000        | P                 | EUR               | 1,7500 | 2,0000 | 1,6000 | 9           | 2,0000 | 1,9200     |      | 2            | 30            | 227                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 29,5000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 3           | 1,0000 | 1,0800     |      | 1            | 4             | 45                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 29,5000        | P                 | EUR               | 1,8500 | 2,2000 | 1,8500 | 2           | 2,2000 | 2,2900     |      | 2            | 6             | 17                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 30,0000        | C                 | EUR               | 1,3000 | 1,3000 | 0,9000 | 16          | 0,9000 | 0,9100     |      | 1            | 57            | 153                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 30,0000        | P                 | EUR               | 2,5000 | 2,5500 | 2,4000 | 3           | 2,5500 | 2,6300     |      | 3            | 14            | 415                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 31,0000        | C                 | EUR               | 0,6500 | 0,7500 | 0,6000 | 10          | 0,6000 | 0,5800     |      | 1            | 35            | 274                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 31,0000        | P                 | EUR               | 2,7000 | 2,9300 | 2,7000 | 3           | 2,9300 | 3,3300     |      | 3            | 21            | 232                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 32,0000        | C                 | EUR               | 0,4700 | 0,4700 | 0,4000 | 4           | 0,4100 | 0,3900     |      | 0            | 4             | 260                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1600     |      | 4            | 0             | 406                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 33,0000        | C                 | EUR               | 0,3900 | 0,3900 | 0,3000 | 3           | 0,3000 | 0,2600     |      | 0            | 13            | 163                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 33,0000        | P                 | EUR               | 4,4000 | 4,9500 | 4,4000 | 2           | 4,9500 | 5,0400     |      | 5            | 2             | 133                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 34,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,1900     |      | 0            | 2             | 384                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9700     |      | 6            | 0             | 451                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 677                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     |      | 7            | 0             | 50                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 36,0000        | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,0900     |      | 0            | 5             | 354                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8800     |      | 8            | 0             | 11                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 167                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     |      | 9            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 33                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8200     |      | 10           | 0             | 11                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 136                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    |      | 12           | 0             | 14                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7900    |      | 14           | 0             | 22                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9000    |      | 17           | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 4                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9000    |      | 15           | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 60                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9000    |      | 13           | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 137                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9000    |      | 11           | 0             | 165                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 254                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9100     |      | 10           | 0             | 10                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 247                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     |      | 9            | 0             | 9                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 20,0000        | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1900     |      | 0            | 15            | 277                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9200     |      | 8            | 0             | 1                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option                 | 21-9-2018   | 21,0000        | 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                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 26,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 0,9900     |      | 1            | 213           | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 27,0000        | C                 | EUR               | 2,7500 | 2,8000 | 2,7500 | 3           | 2,8000 | 2,6100     |      | 3            | 21            | 71                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 27,0000        | P                 | EUR               | 1,2000 | 1,3000 | 1,2000 | 3           | 1,3000 | 1,3300     |      | 1            | 30            | 88                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     |      | 0            | 285           | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 28,0000        | P                 | EUR               | 1,5500 | 1,6000 | 1,5500 | 4           | 1,6000 | 1,8400     |      | 2            | 53            | 420                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 28,5000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 2,1100     |      | 2            | 7             | 10                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 67                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 29,0000        | P                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 2,3700     |      | 2            | 1             | 168                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 29,5000        | P                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,6700     |      | 3            | 2             | 20                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 30,0000        | C                 | EUR               | 1,2500 | 1,3000 | 1,1500 | 4           | 1,1500 | 1,2000     |      | 1            | 45            | 718                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 305                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 31,0000        | C                 | EUR               | 1,1000 | 1,1000 | 0,9500 | 4           | 0,9500 | 0,9100     |      | 1            | 23            | 236                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 152                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 32,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,6800     |      | 1            | 10            | 415                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 32,0000        | P                 | EUR               | 4,4000 | 4,4000 | 4,4000 | 1           | 4,4000 | 4,4800     |      | 4            | 1             | 737                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 33,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5300     |      | 1            | 10            | 85                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     |      | 5            | 0             | 38                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 1127               | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1800     |      | 6            | 0             | 240                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 35,0000        | C                 | EUR               | 0,3900 | 0,3900 | 0,3600 | 4           | 0,3600 | 0,2900     |      | 0            | 29            | 217                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0900     |      | 7            | 0             | 37                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 36,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2300     |      | 0            | 20            | 584                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0300     |      | 8            | 0             | 314                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 38,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1800     |      | 0            | 10            | 144                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9800     |      | 10           | 0             | 52                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,1200     |      | 0            | 10            | 483                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9200    |      | 12           | 0             | 333                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8800    |      | 14           | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 341                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8100    |      | 17           | 0             | 57                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 102                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8100    |      | 22           | 0             | 105                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,8100    |      | 27           | 0             | 270                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 5                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 29,5000        | C                 | EUR               | 2,0000 | 2,0000 | 1,7500 | 2           | 1,7500 | 1,6800     |      | 2            | 9             | 9                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 30,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,6000 | 6           | 1,6000 | 1,5200     |      | 2            | 28            | 33                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 10                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 31,0000        | P                 | EUR               | 3,6200 | 3,6300 | 3,6200 | 2           | 3,6300 | 4,0100     |      | 4            | 15            | 10                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 10                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7600     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1900     |      | 8            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     |      | 9            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4000     |      | 0            | 1             | 251                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     |      | 7            | 0             | 20                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6700     |      | 1            | 1             | 1                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 35                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 1,0700 | 1,0700 | 1,0700 | 1           | 1,0700 | 1,1400     |      | 1            | 10            | 165                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 4,4500 | 4,4500 | 4,4000 | 2           | 4,4000 | 3,9100     |      | 4            | 3             | 81                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 101                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 2,8500 | 2,8500 | 2,8500 | 1           | 2,8500 | 2,7800     |      | 3            | 5             | 173                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 2,4200 | 2,4500 | 2,4200 | 2           | 2,4500 | 2,6000     |      | 3            | 15            | 247                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 2,5500 | 2,5500 | 2,5500 | 1           | 2,5500 | 2,3600     |      | 2            | 1             | 42                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 0             | 21                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 2,2000 | 2,2000 | 2,1500 | 2           | 2,1500 | 1,9800     |      | 2            | 10            | 206                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 506                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 1,5500 | 1,5500 | 1,3500 | 3           | 1,3500 | 1,3800     |      | 1            | 3             | 437                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     |      | 5            | 0             | 379                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 34,0000        | C                 | EUR               | 1,0500 | 1,0500 | 0,9000 | 4           | 0,9000 | 0,9500     |      | 1            | 44            | 1018               | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 34,0000        | P                 | EUR               | 6,3200 | 6,4000 | 6,3200 | 2           | 6,400  |            |      |              |               |                    |           |



| 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  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 22            | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option              | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8800    |      | 27           | 0             | 70                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9700     |      | 9            | 60            | 25-7-2018          |           |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 20,0000        | P                 | EUR               | 0,6000  | 0,6500  | 0,6000  | 4           | 0,6000  | 0,6200     |      | 1            | 4             | 21                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2300     |      | 7            | 0             | 0                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     |      | 1            | 0             | 18                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 24,0000        | C                 | EUR               | 5,9000  | 5,9000  | 5,9000  | 1           | 5,9000  | 5,6900     |      | 6            | 10            | 20                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     |      | 2            | 0             | 16                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3600     |      | 4            | 0             | 70                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 26,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 3           | 2,1000  | 2,1900     |      | 2            | 16            | 22                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 28,0000        | C                 | EUR               | 3,8500  | 3,8500  | 3,6000  | 4           | 3,6000  | 3,3000     |      | 3            | 9             | 176                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 28,0000        | P                 | EUR               | 3,0500  | 3,2000  | 3,0500  | 3           | 3,2000  | 3,1400     |      | 3            | 8             | 60                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 29,0000        | C                 | EUR               | 3,1000  | 3,1000  | 3,1000  | 1           | 3,1000  | 2,8900     |      | 3            | 5             | 5                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7300     |      | 4            | 0             | 24                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 30,0000        | C                 | EUR               | 2,7500  | 2,9000  | 2,5000  | 14          | 2,5000  | 2,4900     |      | 2            | 85            | 260                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3400     |      | 4            | 0             | 83                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 32,0000        | C                 | EUR               | 2,1500  | 2,1500  | 1,8500  | 4           | 1,8500  | 1,8600     |      | 2            | 41            | 181                | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7100     |      | 6            | 0             | 88                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 34,0000        | C                 | EUR               | 1,4700  | 1,4700  | 1,4100  | 2           | 1,4100  | 1,3800     |      | 1            | 3             | 12                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 34,0000        | P                 | EUR               | 6,8200  | 6,8200  | 6,8200  | 1           | 6,8200  | 7,2400     |      | 7            | 1             | 69                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0300     |      | 1            | 0             | 92                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8900     |      | 9            | 0             | 77                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     |      | 1            | 0             | 29                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4400    |      | 12           | 0             | 5                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 0             | 12                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 45,0000        | P                 | EUR               | 17,1200 | 17,1200 | 17,1200 | 1           | 17,1200 | 17,2000    |      | 17           | 5             | 8                  | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 55                 | 25-7-2018 |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,0400    |      | 22           | 0             | 50                 | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,9010    |      | 84           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,8720    |      | 84           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,8488    |      | 84           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,7968    |      | 84           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,7328    |      | 84           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 82,5273    |      | 83           | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1015,6100  |      | 1016         | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1016,1900  |      | 1016         | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1016,6700  |      | 1017         | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1017,8600  |      | 1018         | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1019,6600  |      | 1020         | 0             | 0                  | 25-7-2018 |
| F                | FM6                       | Fresnillo - Stock Future                 | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 998,9300   |      | 999          | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2446,8600  |      | 2447         | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2448,2500  |      | 2448         | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2449,4200  |      | 2449         | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2420,7900  |      | 2421         | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2425,0700  |      | 2425         | 0             | 0                  | 25-7-2018 |
| F                | FO6                       | Associated British Foods - Stock Future  | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2417,7300  |      | 2418         | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 85,0407    |      | 85           | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 85,0114    |      | 85           | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,9879    |      | 85           | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,9351    |      | 85           | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,8702    |      | 85           | 0             | 0                  | 25-7-2018 |
| F                | FP6                       | Fraport AG - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,1140    |      | 83           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,1245    |      | 68           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,1010    |      | 68           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,0822    |      | 68           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,0399    |      | 68           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,9880    |      | 68           | 0             | 0                  | 25-7-2018 |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,3428    |      | 67           | 0             | 0                  | 25-7-2018 |
| F                | FS8                       | Fresenius - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | FS8                       | Fresenius - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8200     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | FS8                       | Fresenius - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | FS8                       | Fresenius - Dividend Future              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     |      | 1            | 0             | 0                  | 25-7-2018 |
| F                | FS8                       | Fresenius - Dividend Future              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1600    |      | 10           | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2100     |      | 8            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 62,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3500     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 62,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5700     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 66,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0400     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | FSQ                       | Fresenius - Stock Option                 | 17-8-2018   | 66,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     | </   |              |               |                    |           |



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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 | 18-12-2020  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     | 5    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1100    | 14   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     | 5    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7700    | 13   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0800     | 6    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8500     | 10   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2700     | 8    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4900     | 7    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9900    | 11   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5900     | 6    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1500    | 14   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7200    | 18   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8200    | 26   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8500    | 35   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5700    | 21   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     | 4    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7400    | 17   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     | 5    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6800    | 15   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     | 6    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3400    | 13   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     | 7    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4900    | 10   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3900     | 9    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     | 8    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1800    | 12   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2600     | 6    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3800    | 15   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7400     | 5    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9300    | 19   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9200    | 27   | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 25-7-2018          |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8700    | 36   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8473    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8432    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8400    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8326    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8236    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG6                      | Fugro NV - Stock Future  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8157    | 12   | 0            | 0             | 25-7-2018          |
| F                | FUG8                      | Fugro - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | FUG8                      | Fugro - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| F                | FUG8                      | Fugro - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| F                | FUG8                      | Fugro - Dividend Future  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| F                | FUG8                      | Fugro - Dividend Future  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | FUGRO                     | FUGRO                    | 17-8-2018   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 153           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     | 2    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 30            | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 293           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 547           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 10            | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 10,5000        | P                 | EUR               | 0,2200 | 0,2200 | 0,1800 | 4           | 0,2100 | 0,1900     | 0    | 41           | 218           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 11,0000        | C                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,1400     | 1    | 13           | 350           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 11,0000        | P                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 6           | 0,3000 | 0,2900     | 0    | 58           | 597           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 162           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 11,5000        | P                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 2           | 0,4600 | 0,4300     | 0    | 9            | 228           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 12,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,4500 | 4           | 0,4700 | 0,5000     | 1    | 19           | 276           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 12,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6500     | 1    | 48           | 487           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 281           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 355           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 492           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 451           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,1100     | 0    | 100          | 646           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 13,5000        | P                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,7600     | 2    | 8            | 229           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0800     | 0    | 1            | 212           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 111           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 140           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 7             | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 132           | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 53            | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 25            | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     | 4    | 0            | 30            | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 25-7-2018          |
| O                | FUR                       | FUGRO                    | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     | 5    | 0            | 2             | 25-7-2018          |
| O                | FUR                       | FUGRO                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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           | 21-9-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 25            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 99           | 25-7-2018     |                    |
| O                | FUR                       | FUGRO           | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 919           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 10,0000        | P                 | EUR               | 0,2400 | 0,2700 | 0,2400 | 3           | 0,2700 | 0,2400     | 0    | 3            | 1344          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 10,5000        | C                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 1           | 1,6500 | 1,6700     | 2    | 1            | 2             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 111           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 436           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 11,0000        | P                 | EUR               | 0,4700 | 0,4700 | 0,4700 | 1           | 0,4700 | 0,4500     | 0    | 1            | 1000          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 152           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 11,5000        | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6300     | 1    | 1            | 59            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 12,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,6500 | 6           | 0,6500 | 0,6900     | 1    | 75           | 1983          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 1191          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 194           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 140           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 1969          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 1385          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 153           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 11            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 14,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1500     | 0    | 10           | 1130          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 14,0000        | P                 | EUR               | 2,4500 | 2,4500 | 2,4500 | 1           | 2,4500 | 2,3100     | 2    | 5            | 1167          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 505           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     | 3    | 0            | 226           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 358           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     | 4    | 0            | 161           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 451           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1900     | 6    | 0            | 160           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 305           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1700     | 8    | 0            | 96            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 3             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 9,6000         | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2500     | 0    | 15           | 16            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     | 2    | 0            | 1             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 105           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 11,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 2           | 0,5500 | 0,5400     | 1    | 3            | 3             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 8             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 14,0000        | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 2           | 0,2100 | 0,2100     | 0    | 12           | 12            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 0             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 137           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 583           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9800     | 5    | 0            | 5             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 7,0000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1400     | 0    | 30           | 366           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     | 4    | 0            | 394           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 2792          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 135           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 1988          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 57            | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 241           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     | 2    | 0            | 1126          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,0000        | P                 | EUR               | 0,5000 | 0,5500 | 0,5000 | 11          | 0,5500 | 0,5200     | 1    | 225          | 2742          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 568           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8000 | 8           | 0,8000 | 0,8100     | 1    | 125          | 1484          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 2980          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,0000        | P                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2400     | 1    | 10           | 3196          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 13,0000        | C                 | EUR               | 0,6400 | 0,6400 | 0,6400 | 1           | 0,6400 | 0,6700     | 1    | 10           | 2200          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 13,0000        | P                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,8400     | 2    | 3            | 1835          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 14,0000        | C                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 2           | 0,3800 | 0,4100     | 0    | 20           | 3404          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 14,0000        | P                 | EUR               | 2,6000 | 2,6000 | 2,6000 | 2           | 2,6000 | 2,5800     | 3    | 10           | 2544          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 1969          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     | 3    | 0            | 1038          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1195          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     | 4    | 0            | 1044          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 980           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2400     | 6    | 0            | 869           | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1655          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2100     | 8    | 0            | 1503          | 25-7-2018          |
| O                | FUR                       | FUGRO           | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 5             | 25-7-2018          |
| O                | FUR                       | FUGRO           | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1580          | 25-                |



| 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   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9200     |      | 3            | 0             | 60 25-7-2018       |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 530 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 91 25-7-2018       |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 164 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 11,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,9200     |      | 2            | 5             | 437 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 11,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 2           | 1,0500 | 1,1000     |      | 1            | 59            | 1394 25-7-2018     |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 915 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 12,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5300     |      | 2            | 15            | 894 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 536 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 361 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 14,0000        | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6100     |      | 1            | 1             | 305 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 235 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 15,0000        | C                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 2           | 0,4200 | 0,4200     |      | 0            | 25            | 110 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 27 25-7-2018       |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 309 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 4            | 0             | 78 25-7-2018       |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 244 25-7-2018      |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     |      | 6            | 0             | 29 25-7-2018       |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 8 25-7-2018        |
| O                | FUR                       | FUGRO                       | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2900     |      | 8            | 0             | 29 25-7-2018       |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     |      | 6            | 0             | 530 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 6,0000         | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2700     |      | 0            | 10            | 17170 25-7-2018    |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2200     |      | 5            | 0             | 0 25-7-2018        |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 36 25-7-2018       |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     |      | 4            | 0             | 296 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 6456 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     |      | 4            | 0             | 261 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 2630 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 10,0000        | C                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 1           | 2,7500 | 2,8100     |      | 3            | 2             | 1924 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 5747 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 46 25-7-2018       |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 135 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 2056 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 2687 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 58 25-7-2018       |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 13,0000        | P                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,4000     |      | 2            | 5             | 103 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 1405 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 957 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 1820 25-7-2018     |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     |      | 5            | 0             | 365 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 28 25-7-2018       |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 0 25-7-2018        |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 815 25-7-2018      |
| O                | FUR                       | FUGRO                       | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3700     |      | 8            | 0             | 1262 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2800     |      | 6            | 0             | 119 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 19364 25-7-2018    |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     |      | 5            | 0             | 104 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 8,0000         | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,7900     |      | 1            | 1             | 4357 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 229 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 53 25-7-2018       |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 570 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 3896 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 12,0000        | C                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 2,0900     |      | 2            | 30            | 793 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 12,0000        | P                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 1           | 2,2500 | 2,2900     |      | 2            | 10            | 988 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 14,0000        | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,3200     |      | 1            | 1             | 1707 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 898 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 1304 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     |      | 5            | 0             | 692 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 18,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5500     |      | 1            | 1             | 2844 25-7-2018     |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7800     |      | 7            | 0             | 227 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 773 25-7-2018      |
| O                | FUR                       | FUGRO                       | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5900     |      | 9            | 0             | 885 25-7-2018      |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     |      | 6            | 0             | 0 25-7-2018        |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0 25-7-2018        |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9300     |      | 5            | 0             | 11 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 8,0000         | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 13          | 1,1000 | 1,1200     |      | 1            | 450           | 1098 25-7-2018     |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     |      | 4            | 0             | 10 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 25 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 34 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 10,0000        | P                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 1           | 1,6500 | 1,6900     |      | 2            | 10            | 159 25-7-2018      |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 12,0000        | C                 | EUR               | 2,3500 | 2,4100 | 2,3500 | 2           | 2,4100 | 2,4000     |      | 2            | 7             | 220 25-7-2018      |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 12,0000        | P                 | EUR               | 2,6200 | 2,6200 | 2,6200 | 1           | 2,6200 | 2,6100     |      | 3            | 2             | 278 25-7-2018      |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 90 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 96 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 143 25-7-2018      |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 25 25-7-2018       |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 0 25-7-2018        |
| O                | FUR                       | FUGRO                       | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8300     |      | 9            | 0             | 0 25-7-2018        |
| F                | FV6                       | Ferrovial SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4960    |      | 17           | 0             | 0 25-7-2018        |
| F                | 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                | FV8                       | Ferrovial - Dividend Future                      | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8120     |      | 1            | 0             | 25-7-2018          |
| F                | FV8                       | Ferrovial - Dividend Future                      | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8465     |      | 1            | 0             | 25-7-2018          |
| F                | FV8                       | Ferrovial - Dividend Future                      | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 25-7-2018          |
| F                | FV8                       | Ferrovial - Dividend Future                      | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,2218    |      | 86           | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,2901    |      | 84           | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,2437    |      | 84           | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,1710    |      | 84           | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,0831    |      | 84           | 0             | 25-7-2018          |
| F                | FX6                       | Compagnie Financiere Richemont - Stock Future    | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,9638    |      | 84           | 0             | 25-7-2018          |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,9074   |      | 209          | 0             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,8305   |      | 209          | 0             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,7161   |      | 209          | 0             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,5356   |      | 209          | 0             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,3176   |      | 208          | 0             | 25-7-2018          |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 204,6247   |      | 205          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 305,7143   |      | 306          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 305,5984   |      | 306          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 305,5072   |      | 306          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 305,3431   |      | 305          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 303,6880   |      | 304          | 0             | 25-7-2018          |
| F                | GD6                       | GN Store Nord - Stock Future                     | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 303,5380   |      | 304          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 269,6900   |      | 270          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 269,8500   |      | 270          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 269,9800   |      | 270          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 270,2900   |      | 270          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 270,7700   |      | 271          | 0             | 25-7-2018          |
| F                | GF6                       | G4S - Stock Future                               | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 265,1000   |      | 265          | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,2334    |      | 73           | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,2081    |      | 73           | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1879    |      | 73           | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1424    |      | 73           | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,0866    |      | 73           | 0             | 25-7-2018          |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,8884    |      | 72           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7368    |      | 15           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7317    |      | 15           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7276    |      | 15           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7185    |      | 15           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7072    |      | 15           | 0             | 25-7-2018          |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7977    |      | 14           | 0             | 25-7-2018          |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 150           | 25-7-2018          |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 25-7-2018          |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 25-7-2018          |
| F                | GM6                       | Gemalto NV - Stock Future                        | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,7715    |      | 50           | 0             | 25-7-2018          |
| F                | GM8                       | Gemalto - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 10            | 25-7-2018          |
| F                | GM8                       | Gemalto - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 25-7-2018          |
| F                | GM8                       | Gemalto - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 25-7-2018          |
| F                | GM8                       | Gemalto - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,8000    |      | 32           | 0             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 7             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8000    |      | 30           | 2             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 3             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,8000    |      | 28           | 0             | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 15            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8000    |      | 26           | 33            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 177           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8000    |      | 24           | 63            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 676           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8000    |      | 22           | 51            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 544           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8000    |      | 20           | 522           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 934           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8100    |      | 18           | 390           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 263           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8200    |      | 16           | 152           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 34,0000        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 2           | 0,1100 | 0,0700     |      | 3            | 153           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,8300    |      | 15           | 53            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 609           | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8400    |      | 14           | 57            | 25-7-2018          |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 90            | 25-7-2018          |
| O                | GMT                       | Gemalto  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 146 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 45,0000        | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2500     |      | 0            | 4             | 183 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     |      | 4            | 0             | 157 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 237 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 289 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 533 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 1520 25-7-2018     |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 50,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,5500 | 6           | 0,5500 | 0,5900     |      | 1            | 24            | 1254 25-7-2018     |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 351 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     |      | 5            | 0             | 629 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 195 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2400    |      | 0            | 0             | 156 25-7-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2400    |      | 15           | 0             | 21 25-7-2018       |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 6 25-7-2018        |
| O                | GMT                       | Gemalto N.V. - Standard Option           | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2400    |      | 20           | 0             | 112 25-7-2018      |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8548    |      | 23           | 0             | 0 25-7-2018        |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8469    |      | 23           | 0             | 0 25-7-2018        |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8406    |      | 23           | 0             | 0 25-7-2018        |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3816    |      | 22           | 0             | 0 25-7-2018        |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3645    |      | 22           | 0             | 0 25-7-2018        |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3496    |      | 22           | 0             | 0 25-7-2018        |
| F                | GN8                       | Naturgy Energy Group SA- Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 20 25-7-2018       |
| F                | GN8                       | Naturgy Energy Group SA- Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0399     |      | 1            | 0             | 0 25-7-2018        |
| F                | GN8                       | Naturgy Energy Group SA- Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0732     |      | 1            | 0             | 0 25-7-2018        |
| F                | GN8                       | Naturgy Energy Group SA- Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0 25-7-2018        |
| 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             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1523,9400  |      | 1524         | 0             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1524,8000  |      | 1525         | 0             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1525,5400  |      | 1526         | 0             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1508,3100  |      | 1508         | 0             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1487,9700  |      | 1488         | 0             | 0 25-7-2018        |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1472,4300  |      | 1472         | 0             | 0 25-7-2018        |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 0 25-7-2018        |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 0 25-7-2018        |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 0 25-7-2018        |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 0 25-7-2018        |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 0 25-7-2018        |
| F                | QO8                       | Geberit - Dividend Future                | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4000    |      | 10           | 0             | 0 25-7-2018        |
| F                | QO8                       | Geberit - Dividend Future                | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0000    |      | 11           | 0             | 0 25-7-2018        |
| F                | QO8                       | Geberit - Dividend Future                | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    |      | 12           | 0             | 0 25-7-2018        |
| F                | QO8                       | Geberit - Dividend Future                | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 0 25-7-2018        |
| F                | QO8                       | Geberit - Dividend Future                | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3929    |      | 31           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3820    |      | 31           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3734    |      | 31           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3539    |      | 31           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3299    |      | 31           | 0             | 0 25-7-2018        |
| F                | GR6                       | GEA Group AG - Stock Future              | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4095    |      | 30           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,4535    |      | 92           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,4351    |      | 92           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,4179    |      | 92           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,3521    |      | 92           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,2720    |      | 92           | 0             | 0 25-7-2018        |
| F                | GT6                       | Getinge B - Stock Future                 | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,6102    |      | 91           | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2294,9830  |      | 2295         | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2294,1379  |      | 2294         | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2292,8811  |      | 2293         | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2290,8988  |      | 2291         | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2288,5035  |      | 2289         | 0             | 0 25-7-2018        |
| F                | GV6                       | Givaudan - Stock Future                  | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2225,3272  |      | 2225         | 0             | 0 25-7-2018        |
| F                | GV8                       | Givaudan - Dividend Future               | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,0000    |      | 58           | 0             | 0 25-7-2018        |
| F                | GV8                       | Givaudan - Dividend Future               | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,0000    |      | 60           | 0             | 0 25-7-2018        |
| F                | GV8                       | Givaudan - Dividend Future               | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,0000    |      | 62           | 0             | 0 25-7-2018        |
| F                | GV8                       | Givaudan - Dividend Future               | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,0000    |      | 64           | 0             | 0 25-7-2018        |
| F                | GV8                       | Givaudan - Dividend Future               | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,0000    |      | 66           | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     |      | 5            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 16            | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 50 25-7-2018       |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 25-7-2018        |
| O                | GVN                       | Grandvision - Spotlight Option           | 17-8-2018   |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 20,5000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7500     | 1    | 40           | 116           | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 181           | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 93            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 40            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 19            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 25            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 51            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 15            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 17-8-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 5             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     | 5    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 2             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 122           | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 30            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 8             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 83            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 19,5000        | C                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 1           | 1,2500 | 1,2400     | 1    | 1            | 14            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 66            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 20,0000        | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9200     | 1    | 1            | 31            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 142           | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 45            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 22            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 21,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4400     | 0    | 1            | 58            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 12            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 16            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 39            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 2             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 4             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 1             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 21,0000        | C                 | EUR               | 0,4600 | 0,5500 | 0,4600 | 2           | 0,5500 | 0,5400     | 1    | 5            | 21            | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 5             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 6             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | GVN                       | Grandvision - Spotlight Option     | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8300     | 4    | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 324,1100   | 324  | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 317,5100   | 318  | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 317,6600   | 318  | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 318,0300   | 318  | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 318,5900   | 319  | 0            | 0             | 25-7-2018          |
| F                | GX6                       | Glencore - Stock Future            | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,3200   | 310  | 0            | 0             | 25-7-2018          |
| F                | GX8                       | Glencore - Dividend Future         | 21-12-2018  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | GX8                       | Glencore - Dividend Future         | 20-12-2019  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| F                | GX8                       | Glencore - Dividend Future         | 18-12-2020  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| F                | GX8                       | Glencore - Dividend Future         | 17-12-2021  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| F                | GX8                       | Glencore - Dividend Future         | 16-12-2022  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8419    | 80   | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8143    | 80   | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7923    | 80   | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7427    | 80   | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,6818    | 80   | 0            | 0             | 25-7-2018          |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,8296    | 77   | 0            | 0             | 25-7-2018          |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,3       |      |              |               |                    |



| 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                | HE6                       | Heineken NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 91,7251    |      | 92           | 0             | 0 25-7-2018        |
| F                | HE6                       | Heineken NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 91,6550    |      | 92           | 0             | 0 25-7-2018        |
| F                | HE6                       | Heineken NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 90,8943    |      | 91           | 0             | 0 25-7-2018        |
| F                | HE8                       | Heineken - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5300     |      | 2            | 0             | 0 25-7-2018        |
| F                | HE8                       | Heineken - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4700     |      | 1            | 0             | 0 25-7-2018        |
| F                | HE8                       | Heineken - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5900     |      | 2            | 0             | 0 25-7-2018        |
| F                | HE8                       | Heineken - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     |      | 2            | 0             | 0 25-7-2018        |
| F                | HE8                       | Heineken - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     |      | 2            | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3200    |      | 20           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 4 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3300    |      | 16           | 0             | 10 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 76,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 28 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3300    |      | 12           | 0             | 12 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 206           | 25-7-2018          |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 82,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3800    |      | 10           | 0             | 21 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 82,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 120           | 25-7-2018          |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 84,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4500     |      | 8            | 0             | 82 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 84,0000        | P                 | EUR               | 0,2400  | 0,2400  | 0,2400  | 1           | 0,2400  | 0,2300     |      | 0            | 2             | 331 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 86,0000        | C                 | EUR               | 6,5000  | 6,5000  | 6,5000  | 1           | 6,5000  | 6,5200     |      | 7            | 2             | 248 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 86,0000        | P                 | EUR               | 0,3700  | 0,3900  | 0,3700  | 2           | 0,3900  | 0,3600     |      | 0            | 17            | 361 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 88,0000        | C                 | EUR               | 4,5100  | 4,5100  | 4,5000  | 2           | 4,5000  | 4,6900     |      | 5            | 10            | 532 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 88,0000        | P                 | EUR               | 0,8200  | 0,8200  | 0,6400  | 8           | 0,7300  | 0,6400     |      | 1            | 106           | 473 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 90,0000        | C                 | EUR               | 2,9000  | 2,9200  | 2,8200  | 5           | 2,9200  | 3,0700     |      | 3            | 6             | 1101 25-7-2018     |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 90,0000        | P                 | EUR               | 1,1900  | 1,2800  | 1,1900  | 4           | 1,2800  | 1,1300     |      | 1            | 19            | 5689 25-7-2018     |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 92,0000        | C                 | EUR               | 1,4400  | 1,7300  | 1,4400  | 8           | 1,6000  | 1,8000     |      | 2            | 24            | 811 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 92,0000        | P                 | EUR               | 2,0500  | 2,0600  | 1,9700  | 7           | 2,0000  | 1,9400     |      | 2            | 33            | 536 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 94,0000        | C                 | EUR               | 0,8500  | 0,9000  | 0,7800  | 9           | 0,8800  | 0,9200     |      | 1            | 56            | 492 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 94,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1400     |      | 3            | 0             | 50 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 96,0000        | C                 | EUR               | 0,3700  | 0,4400  | 0,3700  | 10          | 0,4100  | 0,4500     |      | 0            | 57            | 185 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6900     |      | 5            | 0             | 129 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 98,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 1 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 98,0000        | P                 | EUR               | 6,7000  | 6,7000  | 6,6000  | 2           | 6,6000  | 6,5000     |      | 7            | 9             | 25 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 80 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 100,0000       | P                 | EUR               | 8,7000  | 8,7000  | 8,5500  | 2           | 8,5500  | 8,3700     |      | 8            | 2             | 15 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 43 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 17-8-2018   | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2100    |      | 12           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,3200    |      | 37           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 94 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,3200    |      | 32           | 0             | 15 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 104 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3200    |      | 22           | 0             | 130 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 222 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3200    |      | 20           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 200 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3200    |      | 17           | 0             | 62 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 344 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 80,0000        | C                 | EUR               | 11,9500 | 12,2500 | 11,9000 | 7           | 12,2500 | 12,3400    |      | 12           | 15            | 134 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     |      | 0            | 0             | 943 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 82,0000        | C                 | EUR               | 10,1000 | 10,1000 | 10,1000 | 1           | 10,1000 | 10,4300    |      | 10           | 2             | 5 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 82,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 93 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 84,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5000     |      | 9            | 0             | 88 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 84,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 318 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 85,0000        | C                 | EUR               | 7,4500  | 7,4500  | 7,3500  | 4           | 7,4200  | 7,6000     |      | 8            | 19            | 727 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 85,0000        | P                 | EUR               | 0,6700  | 0,6700  | 0,6700  | 1           | 0,6700  | 0,5700     |      | 1            | 5             | 3594 25-7-2018     |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 86,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6900     |      | 7            | 0             | 161 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 86,0000        | P                 | EUR               | 0,7800  | 0,7800  | 0,7800  | 2           | 0,7800  | 0,7200     |      | 1            | 10            | 197 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 88,0000        | C                 | EUR               | 4,6500  | 4,6500  | 4,6500  | 1           | 4,6500  | 4,9700     |      | 5            | 3             | 178 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 88,0000        | P                 | EUR               | 1,1900  | 1,2500  | 1,1000  | 4           | 1,1000  | 1,1000     |      | 1            | 17            | 165 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 90,0000        | C                 | EUR               | 3,1800  | 3,4300  | 3,1800  | 2           | 3,4300  | 3,5000     |      | 4            | 7             | 2196 25-7-2018     |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 90,0000        | P                 | EUR               | 1,7400  | 1,8600  | 1,7400  | 9           | 1,8100  | 1,7100     |      | 2            | 62            | 568 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 92,0000        | C                 | EUR               | 2,1500  | 2,1500  | 2,1500  | 1           | 2,1500  | 2,3100     |      | 2            | 1             | 1892 25-7-2018     |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 92,0000        | P                 | EUR               | 2,6500  | 2,6500  | 2,6500  | 1           | 2,6500  | 2,5400     |      | 3            | 2             | 718 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 94,0000        | C                 | EUR               | 1,3700  | 1,4200  | 1,3700  | 12          | 1,3900  | 1,4400     |      | 1            | 203           | 425 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 94,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6800     |      | 4            | 0             | 43 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 95,0000        | C                 | EUR               | 1,0500  | 1,0500  | 0,9800  | 2           | 0,9800  | 1,1100     |      | 1            | 2             | 336 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3600     |      | 4            | 0             | 144 25-7-2018      |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 96,0000        | C                 | EUR               | 0,8100  | 0,8100  | 0,8100  | 1           | 0,8100  | 0,8400     |      | 1            | 1             | 3 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0900     |      | 5            | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 100,0000       | C                 | EUR               | 0,2500  | 0,2600  | 0,2500  | 3           | 0,2600  | 0,2800     |      | 0            | 8             | 99 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5500     |      | 9            | 0             | 87 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 93 25-7-2018       |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4000    |      | 12           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 108,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 108,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3500    |      | 16           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3200    |      | 18           | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEI                       | HEINEKEN                   | 21-9-2018   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,320     |      |              |               |                    |



| 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        | 19-10-2018  | 88,0000        | P                 | EUR               | 1,5000   | 1,5000  | 1,5000  | 1           | 1,5000  | 1,4200     | 1    | 2            | 18            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 90,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 3,8200     | 4    | 0            | 1             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 90,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     | 2    | 0            | 5             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 92,0000        | C                 | EUR               | 2,5500   | 2,5500  | 2,4300  | 2           | 2,4300  | 2,6500     | 3    | 3            | 31            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 92,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 2,9100     | 3    | 0            | 12            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 94,0000        | C                 | EUR               | 1,6900   | 1,6900  | 1,6900  | 1           | 1,6900  | 1,7600     | 2    | 11           | 18            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 94,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 4,0200     | 4    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 96,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     | 1    | 0            | 2             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 96,0000        | P                 | EUR               | 5,5500   | 5,5500  | 5,5500  | 1           | 5,5500  | 5,4200     | 5    | 2            | 4             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 100,0000       | C                 | EUR               | 0,4100   | 0,4100  | 0,4100  | 1           | 0,4100  | 0,4200     | 0    | 5            | 8             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 8,7000     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 104,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 104,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 12,4700    | 12   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 108,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 19-10-2018  | 108,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 16,4000    | 16   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 62,3300    | 62   | 0            | 1             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 317           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 52,3300    | 52   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 292           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 47,3300    | 47   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 249           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 42,3300    | 42   | 0            | 7             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 334           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 37,3300    | 37   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 122           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 32,3300    | 32   | 0            | 301           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0700   | 0,0700  | 0,0700  | 1           | 0,0700  | 0,0400     | 0    | 1            | 327           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 70,0000        | C                 | EUR               | 22,0000  | 22,0000 | 22,0000 | 1           | 22,0000 | 22,3300    | 22   | 2            | 476           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 2595          | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 17,4000    | 17   | 0            | 172           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 334           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 80,0000        | C                 | EUR               | 12,5000  | 12,5000 | 12,5000 | 1           | 12,5000 | 12,5500    | 13   | 5            | 780           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 80,0000        | P                 | EUR               | 0,7000   | 0,7600  | 0,7000  | 13          | 0,7500  | 0,6800     | 1    | 84           | 1314          | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 85,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 8,1600     | 8    | 0            | 846           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 85,0000        | P                 | EUR               | 1,4800   | 1,5200  | 1,4800  | 6           | 1,5200  | 1,4400     | 1    | 15           | 458           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 90,0000        | C                 | EUR               | 4,6600   | 4,6600  | 4,4700  | 4           | 4,4700  | 4,6200     | 5    | 26           | 2063          | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 90,0000        | P                 | EUR               | 3,0000   | 3,0700  | 2,9800  | 3           | 3,0700  | 2,9500     | 3    | 978          | 16            | 978                | 25-7-2018 |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 92,0000        | C                 | EUR               | 3,1200   | 3,4000  | 3,1200  | 4           | 3,4000  | 3,5300     | 4    | 11           | 101           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 3,8500     | 4    | 0            | 30            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 95,0000        | C                 | EUR               | 2,1500   | 2,1500  | 2,1100  | 4           | 2,1400  | 2,2200     | 2    | 18           | 336           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 95,0000        | P                 | EUR               | 5,7500   | 5,8000  | 5,7500  | 3           | 5,8000  | 5,5600     | 6    | 41           | 194           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 100,0000       | C                 | EUR               | 0,8800   | 0,9100  | 0,8300  | 4           | 0,9000  | 0,9000     | 1    | 42           | 812           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 9,2900     | 9    | 0            | 212           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 247           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 110,0000       | P                 | EUR               | 18,8000  | 18,8000 | 18,8000 | 1           | 18,8000 | 18,5000    | 19   | 1            | 49            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0300   | 0,0300  | 0,0300  | 3           | 0,0300  | 0,0300     | 0    | 30           | 122           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 28,3900    | 28   | 0            | 23            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 48,3500    | 48   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 79            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 58,3600    | 58   | 0            | 473           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 37,3300    | 37   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 4            | 4             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 32,3300    | 32   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 25            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 22,3800    | 22   | 0            | 70            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     | 0    | 0            | 180           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 12,9200    | 13   | 0            | 85            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 80,0000        | P                 | EUR               | 1,2500   | 1,2500  | 1,2500  | 1           | 1,2500  | 1,1900     | 1    | 1            | 157           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 85,0000        | C                 | EUR               | 8,9000   | 8,9000  | 8,9000  | 1           | 8,9000  | 8,8800     | 9    | 2            | 536           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 2,2000     | 2    | 0            | 284           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 90,0000        | C                 | EUR               | 5,4000   | 5,6000  | 5,3500  | 3           | 5,3500  | 5,5400     | 6    | 5            | 1319          | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 90,0000        | P                 | EUR               | 4,0000   | 4,0000  | 4,0000  | 2           | 4,0000  | 3,9100     | 4    | 4            | 113           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 95,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 3,1200     | 3    | 0            | 63            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 95,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 6,4600     | 6    | 0            | 56            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 100,0000       | C                 | EUR               | 1,4100   | 1,4100  | 1,4100  | 1           | 1,4100  | 1,5800     | 2    | 1            | 91            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 9,9400     | 10   | 0            | 10            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 28            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 18,7500    | 19   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 28,5400    | 29   | 0            | 4             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 140,0000       | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 48,4900    | 48   | 0            | 27            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 37,3200    | 37   | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 32,3300    | 32   | 0            | 77            | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000   | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 187           | 25-7-2018          |           |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 70,0000        | 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                | HEI                       | HEINEKEN        | 21-6-2019   | 95,0000        | C                 | EUR               | 3,6200  | 3,7500  | 3,6200  | 2           | 3,7500  | 3,7900     | 4    | 5            | 16            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8300     | 8    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 100,0000       | C                 | EUR               | 2,0600  | 2,0600  | 2,0000  | 3           | 2,0000  | 2,1000     | 2    | 13           | 708           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3000    | 11   | 0            | 22            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 8             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,8800    | 20   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,5000    | 30   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,4900    | 49   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,4700    | 59   | 0            | 22            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,3300    | 52   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 75            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3200    | 42   | 0            | 1             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 195           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,3200    | 37   | 0            | 11            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 200           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,3200    | 32   | 0            | 296           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     | 0    | 0            | 443           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5200    | 23   | 0            | 499           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2600     | 1    | 0            | 326           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 80,0000        | C                 | EUR               | 13,7500 | 13,7500 | 13,7500 | 5           | 13,7500 | 13,9600    | 14   | 50           | 499           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 80,0000        | P                 | EUR               | 3,2000  | 3,2000  | 3,2000  | 1           | 3,2000  | 3,1800     | 3    | 1            | 2415          | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3200     | 7    | 0            | 1646          | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9000     | 7    | 0            | 450           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 100,0000       | C                 | EUR               | 3,0300  | 3,1500  | 3,0300  | 5           | 3,1500  | 3,1900     | 3    | 7            | 1190          | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9800    | 13   | 0            | 191           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 120,0000       | C                 | EUR               | 0,4100  | 0,4100  | 0,4100  | 1           | 0,4100  | 0,4400     | 0    | 2            | 233           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,3500    | 30   | 0            | 13            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 65            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,1200    | 60   | 0            | 68            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3200    | 42   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,3200    | 37   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 1             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,3500    | 32   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     | 1    | 0            | 11            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6100    | 15   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4000     | 4    | 0            | 3             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     | 8    | 0            | 3             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5200     | 9    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1700     | 4    | 0            | 11            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6800    | 15   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,5800    | 32   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,0400    | 61   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3200    | 42   | 0            | 20            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4300     | 0    | 0            | 151           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,3500    | 32   | 0            | 11            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1300     | 1    | 0            | 275           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,9500    | 23   | 0            | 203           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 70,0000        | P                 | EUR               | 2,7400  | 2,7400  | 2,7400  | 1           | 2,7400  | 2,6600     | 3    | 2            | 182           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1800    | 15   | 0            | 244           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4600     | 5    | 0            | 863           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0600     | 9    | 0            | 1178          | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8200     | 10   | 0            | 517           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 100,0000       | C                 | EUR               | 4,8600  | 4,8600  | 4,8600  | 1           | 4,8600  | 4,9500     | 5    | 2            | 827           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,0000    | 16   | 0            | 48            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     | 1    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,7100    | 33   | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 104           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,6000    | 62   | 0            | 37            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3200    | 42   | 0            | 9             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8400     | 1    | 0            | 135           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,4300    | 32   | 0            | 17            | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 60,0000        | P                 | EUR               | 2,1500  | 2,1500  | 2,1500  | 1           | 2,1500  | 2,0500     | 2    | 1            | 144           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,5400    | 24   | 0            | 237           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2700     | 4    | 0            | 236           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 80,0000        | C                 | EUR               | 16,0500 | 16,0500 | 16,0500 | 1           | 16,0500 | 16,3000    | 16   | 1            | 263           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6700     | 8    | 0            | 500           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8100    | 11   | 0            | 130           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4700    | 12   | 0            | 128           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 100,0000       | C                 | EUR               | 6,8000  | 6,8000  | 6,8000  | 1           | 6,8000  | 6,8200     | 7    | 1            | 288           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,6900    | 19   | 0            | 180           | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4600     | 2    | 0            | 0             | 25-7-2018          |
| O                | HEI                       | HEINEKEN        | 17-12-2021  | 120,0000       | 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                | HEI                       | HEINEKEN                 | 16-12-2022  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3900     |      | 9            | 0             | 125 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1900    |      | 12           | 0             | 127 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 90,0000        | P                 | EUR               | 14,8000 | 14,8000 | 14,8000 | 1           | 14,8000 | 14,4200    |      | 14           | 1             | 298 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2500     |      | 8            | 0             | 78 25-7-2018       |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 100,0000       | P                 | EUR               | 20,8000 | 20,8000 | 20,8000 | 1           | 20,8000 | 20,6400    |      | 21           | 2             | 53 25-7-2018       |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 120,0000       | C                 | EUR               | 3,3000  | 3,3000  | 3,3000  | 1           | 3,3000  | 3,4400     |      | 3            | 2             | 185 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,9900    |      | 36           | 0             | 110 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     |      | 1            | 0             | 140 25-7-2018      |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,5000    |      | 64           | 0             | 118 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 8,8000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     |      | 2            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 8,8000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 8 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     |      | 2            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 3 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,6000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     |      | 1            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,6000         | P                 | EUR               | 0,1600  | 0,1700  | 0,1600  | 2           | 0,1700  | 0,1700     |      | 0            | 2             | 81 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,8000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1600     |      | 1            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 9,8000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 11 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     |      | 1            | 0             | 53 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 10,0000        | P                 | EUR               | 0,2600  | 0,2600  | 0,2600  | 1           | 0,2600  | 0,2500     |      | 0            | 1             | 367 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 10,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     |      | 1            | 0             | 121 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 10,5000        | P                 | EUR               | 0,3800  | 0,4300  | 0,3800  | 6           | 0,4300  | 0,4400     |      | 0            | 103           | 471 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 11,0000        | C                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,4800     |      | 0            | 4             | 313 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 11,0000        | P                 | EUR               | 0,7000  | 0,7000  | 0,7000  | 1           | 0,7000  | 0,7200     |      | 1            | 1             | 594 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 11,5000        | C                 | EUR               | 0,3600  | 0,3600  | 0,3600  | 2           | 0,3600  | 0,3200     |      | 0            | 5             | 160 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 11,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0600     |      | 1            | 0             | 136 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0             | 285 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4600     |      | 1            | 0             | 558 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 12,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 194 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 12,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8800     |      | 2            | 0             | 18 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 13,0000        | C                 | EUR               | 0,1100  | 0,1100  | 0,1100  | 1           | 0,1100  | 0,1000     |      | 0            | 14            | 287 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3400     |      | 2            | 0             | 132 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 32 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 13,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     |      | 3            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 20 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2900     |      | 3            | 0             | 14 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 78 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2500     |      | 0            | 0             | 25-7-2018          |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2500     |      | 5            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 6,0000         | C                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 4,7800     |      | 5            | 1             | 311 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 17 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7900     |      | 4            | 0             | 290 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 151 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8300     |      | 3            | 0             | 570 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 126 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3700     |      | 2            | 0             | 85 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,5000         | P                 | EUR               | 0,1100  | 0,1100  | 0,1100  | 1           | 0,1100  | 0,1200     |      | 0            | 1             | 107 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,8000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     |      | 2            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 8,8000         | P                 | EUR               | 0,1400  | 0,1400  | 0,1400  | 1           | 0,1400  | 0,1600     |      | 0            | 2             | 2 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9400     |      | 2            | 0             | 285 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     |      | 0            | 0             | 155 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7800     |      | 2            | 0             | 10 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5400     |      | 2            | 0             | 558 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 9,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 353 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2000     |      | 1            | 0             | 936 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 514 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 10,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     |      | 1            | 0             | 44 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 10,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     |      | 1            | 0             | 5 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     |      | 1            | 0             | 863 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9300     |      | 1            | 0             | 538 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 11,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     |      | 0            | 0             | 94 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 11,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2500     |      | 1            | 0             | 467 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     |      | 0            | 0             | 3457 25-7-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     |      | 2            | 0             | 2066 25-7-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 12,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     |      | 0            | 0             | 157 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 12,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0200     |      | 2            | 0             | 41 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 13,0000        | C                 | EUR               | 0,2300  | 0,2300  | 0,2300  | 1           | 0,2300  | 0,2100     |      | 0            | 20            | 1417 25-7-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4800     |      | 2            | 0             | 74 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 933 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4000     |      | 3            | 0             | 134 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3600     |      | 4            | 0             | 0 25-7-2018        |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 183 25-7-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3300     |      | 5            | 0             | 58 25-7-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-9-2018   | 18,0000        | 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                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 10,0000        | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5400     |      | 1            | 2             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 21            | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     |      | 1            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     |      | 5            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     |      | 4            | 0             | 31                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 12            | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9500     |      | 3            | 0             | 43                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 39            | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 20                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 22            | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 199                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 140           | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 55                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 112                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 639                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 10,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7900     |      | 1            | 1             | 495                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 267                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 368                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 12,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 3           | 0,7000 | 0,6600     |      | 1            | 6             | 2896               | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 627                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 13,0000        | C                 | EUR               | 0,4700 | 0,4700 | 0,4700 | 1           | 0,4700 | 0,4500     |      | 0            | 5             | 3323               | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 13,0000        | P                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 1           | 2,7500 | 2,7600     |      | 3            | 10            | 114                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 563                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     |      | 4            | 0             | 70                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 75                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     |      | 5            | 0             | 14                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 5                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4200     |      | 7            | 0             | 15                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 100           | 25-7-2018          |           |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3800     |      | 9            | 0             | 13                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 8                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     |      | 3            | 0             | 14                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 6                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 156                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 9,0000         | P                 | EUR               | 0,6000 | 0,6000 | 0,5500 | 4           | 0,6000 | 0,6500     |      | 1            | 4             | 72                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 10                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 108                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 70                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 215                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 11,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5700     |      | 2            | 5             | 127                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 98                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     |      | 2            | 0             | 48                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 587                | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 46                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 7                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     |      | 4            | 0             | 30                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 16,0000        | C                 | EUR               | 0,2200 | 0,2500 | 0,2200 | 4           | 0,2300 | 0,2200     |      | 0            | 4             | 15                 | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     |      | 6            | 0             | 0                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | HEY                       | Heijmans N.V. - STND OPT           | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 17-8-2018   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 499,6566   |      | 500          | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 21-9-2018   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 499,5576   |      | 500          | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 19-10-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 499,4643   |      | 499          | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 499,1088   |      | 499          | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 498,6761   |      | 499          | 0             | 0                  | 25-7-2018 |
| F                | HG6                       | Hexagon B - Stock Future           | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 492,2180   |      | 492          | 0             | 0                  | 25-7-2018 |
| F                | HH6                       | Heineken Holding NV - Stock Future | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,1300    |      | 88           | 0             | 0                  | 25-7-2018 |
| F                | HH6                       | Heineken Holding NV - Stock Future | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,0996    |      | 88           | 0             | 0                  | 25-7-2018 |
| F                | HH6                       | Heineken Holding NV - Stock Future | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,0752    |      | 88           | 0             | 0                  | 25-7-2018 |
| F                | HH6                       | Heineken Holding NV - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,0205    |      | 88           | 0             | 0                  | 25-7-2018 |
| F                | HH6                       | Heine                              |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |           |



| 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                | HK8                       | Henkel pref - Dividend Future                               | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 25-7-2018          |
| F                | HK8                       | Henkel pref - Dividend Future                               | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 668,2126   |      | 668          | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 667,9593   |      | 668          | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 667,7600   |      | 668          | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 660,4029   |      | 660          | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 660,0687   |      | 660          | 0             | 25-7-2018          |
| F                | HL6                       | Chr. Hansen Holding - Stock Future                          | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 659,7427   |      | 660          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,0604   |      | 138          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,0330   |      | 138          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,0073   |      | 138          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,0608   |      | 133          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 132,9452   |      | 133          | 0             | 25-7-2018          |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                           | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,8565   |      | 129          | 0             | 25-7-2018          |
| F                | HM8                       | Hennes & Mauritz B - Dividend                               | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7500     |      | 10           | 30            | 25-7-2018          |
| F                | HM8                       | Hennes & Mauritz B - Dividend                               | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7500     |      | 9            | 0             | 25-7-2018          |
| F                | HM8                       | Hennes & Mauritz B - Dividend                               | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     |      | 10           | 0             | 25-7-2018          |
| F                | HM8                       | Hennes & Mauritz B - Dividend                               | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    |      | 11           | 0             | 25-7-2018          |
| F                | HM8                       | Hennes & Mauritz B - Dividend                               | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    |      | 11           | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 110,7749   |      | 111          | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 110,7366   |      | 111          | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 110,7061   |      | 111          | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 110,6373   |      | 111          | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 110,5528   |      | 111          | 0             | 25-7-2018          |
| F                | HR6                       | Hannover Rueck SE - Stock Future                            | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,7805   |      | 107          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 716,8300   |      | 717          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 717,2400   |      | 717          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 709,9100   |      | 710          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 710,7500   |      | 711          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 697,1500   |      | 697          | 0             | 25-7-2018          |
| F                | HS6                       | HSBC Holdings - Stock Future                                | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 691,6700   |      | 692          | 0             | 25-7-2018          |
| F                | HS8                       | HSBC Holdings - Dividend Future                             | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| F                | HS8                       | HSBC Holdings - Dividend Future                             | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| F                | HS8                       | HSBC Holdings - Dividend Future                             | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| F                | HS8                       | HSBC Holdings - Dividend Future                             | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| F                | HS8                       | HSBC Holdings - Dividend Future                             | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,9644   |      | 157          | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,9102   |      | 157          | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,8669   |      | 157          | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,7694   |      | 157          | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,6497   |      | 157          | 0             | 25-7-2018          |
| F                | HT6                       | Hochtief AG - Stock Future                                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,9467   |      | 153          | 0             | 25-7-2018          |
| F                | HX8                       | LafargeHolcim - Dividend Future                             | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 25-7-2018          |
| F                | HX8                       | LafargeHolcim - Dividend Future                             | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 25-7-2018          |
| F                | HX8                       | LafargeHolcim - Dividend Future                             | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 25-7-2018          |
| F                | HX8                       | LafargeHolcim - Dividend Future                             | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 25-7-2018          |
| F                | HX8                       | LafargeHolcim - Dividend Future                             | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 25-7-2018          |
| F                | IBO                       | Inditex - Dividend Future (old)                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 5             | 25-7-2018          |
| F                | IBX                       | Inditex - Dividend Future (old)                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 5             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1039,3700  |      | 1039         | 0             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1039,9500  |      | 1040         | 0             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1040,4500  |      | 1040         | 0             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1035,9700  |      | 1036         | 0             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1037,8000  |      | 1038         | 0             | 25-7-2018          |
| F                | IA6                       | NEX Group Plc - Stock Future                                | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1040,2200  |      | 1040         | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5485     |      | 7            | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5463     |      | 7            | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5444     |      | 7            | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5404     |      | 7            | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3855     |      | 6            | 0             | 25-7-2018          |
| F                | ID6                       | Iberdrola SA - Stock Future                                 | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3812     |      | 6            | 0             | 25-7-2018          |
| F                | ID8                       | Iberdrola - Dividend Future                                 | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3260     |      | 0            | 0             | 25-7-2018          |
| F                | ID8                       | Iberdrola - Dividend Future                                 | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 25-7-2018          |
| F                | ID8                       | Iberdrola - Dividend Future                                 | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 25-7-2018          |
| F                | ID8                       | Iberdrola - Dividend Future                                 | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| F                | ID8                       | Iberdrola - Dividend Future                                 | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3600     |      | 6            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     |      | 4            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     |      | 2            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 2             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 34,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     |      | 2            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 34,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 25-7-2018          |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS | 17-8-2018   | 35,0000        | 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                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 38,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0      | 0            | 1             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 39,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 7             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 39,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6800     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 44,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 17-8-2018   | 44,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3400     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0      | 0            | 1             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     | 0      | 0            | 3             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 33,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 33,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0      | 0            | 8             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 35,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 35,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1      | 0            | 92            | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 37,000         | C                 | EUR               | 0,4000 | 0,5000 | 0,4000 | -           | 2      | 0,5000     | 0,6100 | 1            | 6             | 9                  | 25-7-2018 |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 38,000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | -           | 1      | 0,1400     | 0,2600 | 0            | 1             | 5                  | 25-7-2018 |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 39,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 39,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0200     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 44,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 44,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0200     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 45,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 1             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 45,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0200     | 9      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 50,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-9-2018   | 50,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0200    | 14     | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 33,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 33,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 35,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 35,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 37,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 38,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 19-10-2018  | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 26,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3600    | 10     | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 26,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3900     | 8      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 43            | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     | 6      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0      | 0            | 1             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     | 5      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3      | 0            | 0             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1      | 0            | 50            | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2      | 0            | 2             | 25-7-2018          |           |
| O                | IFM                       | IFM Stock Option (Underlying: iSHARES MSCI EMERGING MARKETS | 21-12-2018  | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2      | 0            | 2             | 25-7-2018          |           |
| O                | IFM                       | IFM   |             |                |                   |                   |        |        |        |             |        |            |        |              |               |                    |           |



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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                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 41 25-7-2018       |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     |      | 2            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 40 25-7-2018       |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4700     |      | 4            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     |      | 6            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9100    |      | 20           | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5200    |      | 16           | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8900    |      | 11           | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2700     |      | 7            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     |      | 6            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     |      | 3            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     |      | 5            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 25-7-2018        |
| O                | JP                        | JP Stock Option (Underlying: ISHARES MSCI JAPAN EUR HEDGED | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0900    |      | 10           | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,7381   |      | 140          | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,6866   |      | 140          | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,6101   |      | 140          | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,4894   |      | 139          | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,3436   |      | 139          | 0             | 0 25-7-2018        |
| F                | IK6                       | Sika - Stock Future  | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,8483   |      | 137          | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5100    |      | 17           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5200    |      | 15           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5700    |      | 13           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 1 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6700    |      | 11           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 10 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6900     |      | 10           | 0             | 1 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 2 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7100     |      | 9            | 0             | 10 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 5 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 55,0000        | C                 | EUR               | 7,6000 | 7,6000 | 7,6000 | 1           | 7,6000 | 7,7100     |      | 8            | 10            | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 27 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     |      | 7            | 0             | 3 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 1 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8500     |      | 6            | 0             | 17 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 1 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 5 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 5 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 0             | 2 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 3 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 39 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 1 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 62,0000        | C                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 2           | 1,8500 | 1,9800     |      | 2            | 20            | 35 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 21 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 64,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 1,1200     |      | 1            | 0             | 4 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 25 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 25 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     |      | 4            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     |      | 6            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 72 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     |      | 10           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 17-8-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5200    |      | 14           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7100    |      | 13           | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0 25-7-2018        |
| O                | IMD                       | IMCD - Stock Option  | 21-9-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8200    |      | 11           | 0             | 10 25-7-2018       |
| O                | IMD                       | IMCD - Stock Option  | 21-9-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,00   |        |             |        |            |      |              |               |                    |



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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 | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8500     | 8    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     | 4    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 120           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 435           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3508          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 2419          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 8466          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 721           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 11,5000        | P                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0400     | 0    | 3            | 2950          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 12,0000        | C                 | EUR               | 0,9700 | 0,9900 | 0,8200 | 6           | 0,8200 | 0,8300     | 1    | 25           | 2920          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 12,0000        | P                 | EUR               | 0,0600 | 0,0900 | 0,0500 | 10          | 0,0900 | 0,0900     | 0    | 263          | 11736         | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 12,5000        | C                 | EUR               | 0,4600 | 0,5200 | 0,4000 | 41          | 0,4000 | 0,4000     | 0    | 730          | 14610         | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 12,5000        | P                 | EUR               | 0,1700 | 0,2300 | 0,1500 | 16          | 0,2300 | 0,2200     | 0    | 282          | 12870         | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 13,0000        | C                 | EUR               | 0,1500 | 0,1900 | 0,1300 | 38          | 0,1300 | 0,1300     | 0    | 986          | 6153          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 13,0000        | P                 | EUR               | 0,4200 | 0,5300 | 0,3900 | 23          | 0,5200 | 0,5200     | 1    | 817          | 4271          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0400 | 0,0500 | 0,0300 | 16          | 0,0300 | 0,0300     | 0    | 749          | 2244          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 13,5000        | P                 | EUR               | 0,8500 | 0,9300 | 0,8000 | 10          | 0,9300 | 0,9400     | 1    | 143          | 2615          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4381          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 14,0000        | P                 | EUR               | 1,3400 | 1,4100 | 1,2800 | 5           | 1,4100 | 1,4200     | 1    | 15           | 6516          | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 196           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 15,0000        | P                 | EUR               | 2,3000 | 2,4000 | 2,3000 | 4           | 2,4000 | 2,4100     | 2    | 50           | 518           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 568           | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     | 4    | 0            | 80            | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     | 5    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 249           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     | 4    | 0            | 200           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2119          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 11            | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 10,0000        | C                 | EUR               | 2,9500 | 2,9500 | 2,9500 | 1           | 2,9500 | 2,8100     | 3    | 1            | 1805          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     | 0    | 2            | 1937          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 4             | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 21781         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 2011          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2279          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 215           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 1362          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 12,0000        | C                 | EUR               | 0,9500 | 0,9900 | 0,8800 | 5           | 0,8800 | 0,8500     | 1    | 30           | 2733          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 12,0000        | P                 | EUR               | 0,1300 | 0,1500 | 0,1200 | 9           | 0,1500 | 0,1700     | 0    | 249          | 44152         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 12,5000        | C                 | EUR               | 0,5500 | 0,5600 | 0,4500 | 20          | 0,4600 | 0,4600     | 0    | 241          | 3348          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 12,5000        | P                 | EUR               | 0,2700 | 0,3200 | 0,2600 | 14          | 0,3100 | 0,3300     | 0    | 6021         | 7489          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 13,0000        | C                 | EUR               | 0,2200 | 0,2500 | 0,1900 | 35          | 0,2000 | 0,2000     | 0    | 420          | 11089         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 13,0000        | P                 | EUR               | 0,5000 | 0,6200 | 0,4900 | 13          | 0,6200 | 0,6100     | 1    | 32           | 11684         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 13,5000        | C                 | EUR               | 0,0900 | 0,1000 | 0,0800 | 10          | 0,0800 | 0,0800     | 0    | 145          | 145           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0300 | 9           | 0,0300 | 0,0400     | 0    | 64           | 20767         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 14,0000        | P                 | EUR               | 1,3000 | 1,4000 | 1,3000 | 9           | 1,4000 | 1,4500     | 1    | 305          | 17156         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0100 | 2           | 0,0100 | 0,0100     | 0    | 3            | 6605          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 15,0000        | P                 | EUR               | 2,3800 | 2,4200 | 2,3800 | 5           | 2,4200 | 2,4200     | 2    | 6            | 14728         | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6955          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 16,0000        | P                 | EUR               | 3,3100 | 3,4400 | 3,3100 | 10          | 3,4400 | 3,4200     | 3    | 49           | 8444          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4502          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 17,0000        | P                 | EUR               | 4,2700 | 4,2700 | 4,2700 | 1           | 4,2700 | 4,4200     | 4    | 1            | 1426          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     | 0    | 40           | 2704          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     | 5    | 0            | 890           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1358          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4100     | 7    | 0            | 1325          | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 230           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4100     | 9    | 0            | 840           | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4200    | 11   | 0            | 599           | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 1             | 25-7-2018          |
| O                | ING                       | ING                               | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      |              |               |                    |



| 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             | 19-10-2018  | 13,5000        | P                 | EUR               | 0,9300  | 1,0200 | 0,9300 | 3           | 1,0200 | 1,0400     | 1    | 26           | 26            | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 501           | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 1            | 1             | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     | 2    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING             | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8100     | 7    | 0            | 216           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2966          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     | 6    | 0            | 1358          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2924          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 8,0000         | C                 | EUR               | 4,9400  | 4,9400 | 4,9400 | 1           | 4,9400 | 0,0100     | 5    | 2            | 2664          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0200  | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     | 0    | 100          | 7824          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     | 4    | 0            | 870           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0400  | 0,0500 | 0,0400 | 5           | 0,0400 | 0,0400     | 0    | 492          | 8236          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 3359          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0700  | 0,0700 | 0,0700 | 4           | 0,0700 | 0,0800     | 0    | 242          | 29903         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 11,0000        | C                 | EUR               | 1,9400  | 1,9700 | 1,9400 | 2           | 1,9700 | 1,8400     | 2    | 3            | 4364          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 11,0000        | P                 | EUR               | 0,1500  | 0,1700 | 0,1500 | 4           | 0,1600 | 0,1700     | 0    | 9            | 32312         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 12,0000        | C                 | EUR               | 1,0700  | 1,1000 | 1,0200 | 15          | 1,0200 | 0,9800     | 1    | 638          | 11530         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 12,0000        | P                 | EUR               | 0,3400  | 0,3700 | 0,3400 | 8           | 0,3700 | 0,3800     | 0    | 239          | 37823         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 13,0000        | C                 | EUR               | 0,4500  | 0,4900 | 0,4100 | 37          | 0,4200 | 0,4200     | 0    | 1282         | 19236         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 13,0000        | P                 | EUR               | 0,7300  | 0,8200 | 0,7300 | 3           | 0,8200 | 0,8400     | 1    | 27           | 15997         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 14,0000        | C                 | EUR               | 0,1800  | 0,1800 | 0,1500 | 35          | 0,1500 | 0,1500     | 0    | 253          | 47612         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 14,0000        | P                 | EUR               | 1,4700  | 1,5200 | 1,4600 | 3           | 1,5200 | 1,5800     | 2    | 19           | 61463         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0700  | 0,0700 | 0,0600 | 4           | 0,0600 | 0,0600     | 0    | 33           | 30939         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 15,0000        | P                 | EUR               | 2,4600  | 2,4600 | 2,4600 | 1           | 2,4600 | 2,4900     | 2    | 1            | 26268         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0300  | 0,0300 | 0,0300 | 3           | 0,0300 | 0,0300     | 0    | 301          | 27284         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 16,0000        | P                 | EUR               | 3,4000  | 3,4200 | 3,4000 | 4           | 3,4200 | 3,4500     | 3    | 4            | 10710         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0200  | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     | 0    | 1            | 8046          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 17,0000        | P                 | EUR               | 4,3300  | 4,3300 | 4,3300 | 2           | 4,3300 | 4,4400     | 4    | 100          | 3923          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0200  | 0,0200 | 0,0200 | 2           | 0,0200 | 0,0100     | 0    | 25           | 13514         | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     | 5    | 0            | 2122          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 7068          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,4300     | 7    | 0            | 1548          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 414           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,4400     | 9    | 0            | 346           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 253           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,4400    | 11   | 0            | 129           | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1064          | 25-7-2018          |
| O                | ING                       | ING             | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,4400    | 12   | 0            | 2040          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     | 5    | 0            | 101           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 118           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     | 4    | 0            | 740           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 441           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 798           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 2774          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 11,0000        | C                 | EUR               | 1,9900  | 2,0000 | 1,9900 | 2           | 2,0000 | 1,8700     | 2    | 5            | 2429          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 11,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 2309          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 12,0000        | C                 | EUR               | 1,1700  | 1,1700 | 1,1700 | 2           | 1,1700 | 1,1200     | 1    | 100          | 4213          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 12,0000        | P                 | EUR               | 0,5200  | 0,5300 | 0,5200 | 8           | 0,5200 | 0,5300     | 1    | 68           | 14077         | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 13,0000        | C                 | EUR               | 0,6400  | 0,6400 | 0,5900 | 4           | 0,5900 | 0,5800     | 1    | 65           | 2978          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 13,0000        | P                 | EUR               | 0,9900  | 1,0000 | 0,9900 | 2           | 1,0000 | 1,0000     | 1    | 40           | 10174         | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 14,0000        | C                 | EUR               | 0,2800  | 0,2800 | 0,2700 | 2           | 0,2700 | 0,2600     | 0    | 26           | 2908          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 2619          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 15,0000        | C                 | EUR               | 0,1200  | 0,1200 | 0,1200 | 4           | 0,1200 | 0,1200     | 0    | 7            | 4707          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 15,0000        | P                 | EUR               | 2,5500  | 2,5500 | 2,5500 | 1           | 2,5500 | 2,5500     | 3    | 2            | 1200          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 2469          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 16,0000        | P                 | EUR               | 3,4300  | 3,4300 | 3,4300 | 1           | 3,4300 | 3,4800     | 3    | 25           | 476           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1157          | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,4600     | 5    | 0            | 175           | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ING                       | ING             | 15-3-2019   | 20,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4500     | 7    | 0            | 120           | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     | 7    | 0            | 2             | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 336           | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     | 5    | 0            | 56            | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 459           | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     | 4    | 0            | 62            | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 1165          | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     | 3    | 0            | 1231          | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 10674         | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 11,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 2914          | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 27566         | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 12,0000        | C                 | EUR               | 1,3000  | 1,3100 | 1,2100 | 5           | 1,2100 | 1,2100     | 1    | 90           | 3860          | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 12,0000        | P                 | EUR               | 0,8000  | 0,8000 | 0,8000 | 1           | 0,8000 | 0,8500     | 1    | 5            | 29228         | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 13,0000        | C                 | EUR               | 0,7500  | 0,7500 | 0,6900 | 3           | 0,6900 | 0,6900     | 1    | 9            | 485           | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 13,0000        | P                 | EUR               | 1,3900  | 1,3900 | 1,3900 | 1           | 1,3900 | 1,4100     | 1    | 5            | 281           | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 14,0000        | C                 | EUR               | 0,4000  | 0,4100 | 0,3700 | 5           | 0,3700 | 0,3600     | 0    | 59           | 16665         | 25-7-2018          |
| O                | ING                       | ING             | 21-6-2019   | 14,0000        | P                 | EUR               | 2,0300  | 2,0500 | 2,0300 | 6           | 2,0500 |            |      |              |               |                    |



| 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  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8200     |      | 8            | 0             | 10 25-7-2018       |
| O                | ING                       | ING             | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 8786 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8200     |      | 7            | 0             | 101 25-7-2018      |
| O                | ING                       | ING             | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 7845 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     |      | 6            | 0             | 15 25-7-2018       |
| O                | ING                       | ING             | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 4627 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     |      | 5            | 0             | 846 25-7-2018      |
| O                | ING                       | ING             | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 1608 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 9,0000         | C                 | EUR               | 3,9700 | 3,9900 | 3,8900 | 7           | 3,8900 | 3,8200     |      | 4            | 500           | 1395 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 9455 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 10,0000        | C                 | EUR               | 3,0000 | 3,0000 | 3,0000 | 1           | 3,0000 | 2,8600     |      | 0            | 2             | 5278 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 20190 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 11,0000        | C                 | EUR               | 2,1500 | 2,1500 | 2,0400 | 2           | 2,0400 | 2,0400     |      | 2            | 2             | 6774 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 28715 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 12,0000        | C                 | EUR               | 1,3700 | 1,3700 | 1,3400 | 3           | 1,3400 | 1,3600     |      | 1            | 53            | 18175 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 12,0000        | P                 | EUR               | 1,2100 | 1,2300 | 1,2100 | 6           | 1,2300 | 1,2400     |      | 1            | 145           | 22869 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 14,0000        | C                 | EUR               | 0,5600 | 0,5600 | 0,5100 | 5           | 0,5100 | 0,5200     |      | 1            | 17            | 53652 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 14,0000        | P                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,5200     |      | 3            | 3             | 31608 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 15,0000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3100     |      | 0            | 3             | 19220 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     |      | 3            | 0             | 15252 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 16,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2000     |      | 0            | 6             | 23093 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     |      | 4            | 0             | 7886 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 9300 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     |      | 6            | 0             | 642 25-7-2018      |
| O                | ING                       | ING             | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25074 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0800     |      | 8            | 0             | 12731 25-7-2018    |
| O                | ING                       | ING             | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 8493 25-7-2018     |
| O                | ING                       | ING             | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0800    |      | 13           | 0             | 3704 25-7-2018     |
| O                | ING                       | ING             | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     |      | 5            | 0             | 0 25-7-2018        |
| O                | ING                       | ING             | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 100           | 25-7-2018          |
| O                | ING                       | ING             | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 0 25-7-2018        |
| O                | ING                       | ING             | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 0 25-7-2018        |
| O                | ING                       | ING             | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     |      | 3            | 0             | 210 25-7-2018      |
| O                | ING                       | ING             | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 8 25-7-2018        |
| O                | ING                       | ING             | 19-6-2020   | 12,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,4800 | 3           | 1,4800 | 1,4700     |      | 1            | 31            | 148 25-7-2018      |
| O                | ING                       | ING             | 19-6-2020   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 249 25-7-2018      |
| O                | ING                       | ING             | 19-6-2020   | 14,0000        | C                 | EUR               | 0,7000 | 0,7200 | 0,7000 | 2           | 0,7200 | 0,6700     |      | 1            | 3             | 66 25-7-2018       |
| O                | ING                       | ING             | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9800     |      | 3            | 0             | 161 25-7-2018      |
| O                | ING                       | ING             | 19-6-2020   | 15,0000        | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4500     |      | 0            | 5             | 5 25-7-2018        |
| O                | ING                       | ING             | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 7 25-7-2018        |
| O                | ING                       | ING             | 18-12-2020  | 5,0000         | C                 | EUR               | 7,9500 | 7,9500 | 7,8000 | 2           | 7,8000 | 7,8200     |      | 8            | 7             | 88 25-7-2018       |
| O                | ING                       | ING             | 18-12-2020  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 1478 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8200     |      | 7            | 0             | 67 25-7-2018       |
| O                | ING                       | ING             | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 2125 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     |      | 6            | 0             | 95 25-7-2018       |
| O                | ING                       | ING             | 18-12-2020  | 7,0000         | P                 | EUR               | 0,2300 | 0,2300 | 0,2200 | 3           | 0,2200 | 0,2200     |      | 0            | 7             | 1244 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     |      | 5            | 0             | 631 25-7-2018      |
| O                | ING                       | ING             | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 1729 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 533 25-7-2018      |
| O                | ING                       | ING             | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 1338 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 10,0000        | C                 | EUR               | 2,9700 | 2,9700 | 2,9700 | 1           | 2,9700 | 2,9400     |      | 3            | 10            | 5112 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 10,0000        | P                 | EUR               | 0,9300 | 0,9300 | 0,9300 | 1           | 0,9300 | 0,9400     |      | 1            | 1             | 2990 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 11,0000        | C                 | EUR               | 2,2700 | 2,2700 | 2,2000 | 3           | 2,2000 | 2,2000     |      | 2            | 21            | 1756 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 1099 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 12,0000        | C                 | EUR               | 1,6800 | 1,6800 | 1,6000 | 3           | 1,6000 | 1,5800     |      | 2            | 40            | 10085 25-7-2018    |
| O                | ING                       | ING             | 18-12-2020  | 12,0000        | P                 | EUR               | 1,8800 | 1,9500 | 1,8800 | 3           | 1,9500 | 1,9200     |      | 2            | 30            | 11424 25-7-2018    |
| O                | ING                       | ING             | 18-12-2020  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 6388 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 7852 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 15,0000        | C                 | EUR               | 0,5800 | 0,5800 | 0,5800 | 1           | 0,5800 | 0,5600     |      | 1            | 1             | 10079 25-7-2018    |
| O                | ING                       | ING             | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1200     |      | 4            | 0             | 2025 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 16,0000        | C                 | EUR               | 0,4200 | 0,4200 | 0,4000 | 4           | 0,4000 | 0,4000     |      | 0            | 81            | 2285 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9900     |      | 5            | 0             | 1005 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 18,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2100     |      | 0            | 10            | 803 25-7-2018      |
| O                | ING                       | ING             | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8400     |      | 7            | 0             | 103 25-7-2018      |
| O                | ING                       | ING             | 18-12-2020  | 20,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 3           | 0,1200 | 0,1200     |      | 0            | 30            | 12171 25-7-2018    |
| O                | ING                       | ING             | 18-12-2020  | 20,0000        | P                 | EUR               | 8,7000 | 8,7000 | 8,7000 | 2           | 8,7000 | 8,7800     |      | 9            | 6             | 11587 25-7-2018    |
| O                | ING                       | ING             | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 2677 25-7-2018     |
| O                | ING                       | ING             | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7600    |      | 14           | 0             | 466 25-7-2018      |
| O                | ING                       | ING             | 17-12-2021  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8200     |      | 7            | 0             | 74 25-7-2018       |
| O                | ING                       | ING             | 17-12-2021  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 2572 25-7-2018     |
| O                | ING                       | ING             | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     |      | 5            | 0             | 368 25-7-2018      |
| O                | ING                       | ING             | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 1093 25-7-2018     |
| O                | ING                       | ING             | 17-12-2021  | 9,0000         | C                 | EUR               | 3,9500 | 3,9500 | 3,9500 | 2           | 3,9500 | 3,8300     |      | 4            | 2             | 839 25-7-2018      |
| O                | ING                       | ING             | 17-12-2021  | 9,0000         | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 2           | 0,9500 | 0,9700     |      | 1            | 53            | 988 25-7-2018      |
| O                | ING                       | ING             | 17-12-2021  | 10,0000        | C                 | EUR               | 3,1000 | 3,1000 | 3,1000 | 2           | 3,1000 | 2,9900     |      | 3            | 10            | 8783 25-7-2018     |
| O                | ING                       | ING             | 17-12-2021  | 10,0000        | P                 | EUR               | 1,3600 | 1,4000 | 1,3600 | 3           | 1,4000 | 1,3900     |      | 1            | 3             | 2551 25-7-2018     |
| O                | ING                       | ING             | 17-12-2021  | 12,0000        | C                 | EUR               | 1,8200 | 1,8200 | 1,7600 | 7           | 1,7600 | 1,7400     |      | 2            | 94            | 13653 25-7-2018    |
| O                | ING                       | ING             | 17-12-2021  | 12,0000        | P                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,5100     |      | 3            | 150           | 6256 25-7-2018     |
| O                | ING                       | ING             | 17-12-2021  | 13,0000        | C                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 2           | 1,3500 | 1,2900     |      |              |               |                    |



| 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                | ING                       | ING  | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     |      | 6            | 0             | 1358 25-7-2018     |
| O                | ING                       | ING  | 17-12-2021  | 18,0000        | C                 | EUR               | 0,3500 | 0,3600 | 0,3500 | 2           | 0,3600 | 0,3500     |      | 0            | 4             | 2823 25-7-2018     |
| O                | ING                       | ING  | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4900     |      | 7            | 0             | 745 25-7-2018      |
| O                | ING                       | ING  | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 10315 25-7-2018    |
| O                | ING                       | ING  | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3900     |      | 9            | 0             | 598 25-7-2018      |
| O                | ING                       | ING  | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 9297 25-7-2018     |
| O                | ING                       | ING  | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3100    |      | 14           | 0             | 684 25-7-2018      |
| O                | ING                       | ING  | 16-12-2022  | 8,0000         | C                 | EUR               | 4,8500 | 4,8500 | 4,8500 | 1           | 4,8500 | 4,8200     |      | 5            | 1             | 1020 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 1711 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 10,0000        | C                 | EUR               | 3,1400 | 3,1400 | 3,0400 | 5           | 3,0400 | 3,0800     |      | 3            | 30            | 12331 25-7-2018    |
| O                | ING                       | ING  | 16-12-2022  | 10,0000        | P                 | EUR               | 1,7600 | 1,7600 | 1,7600 | 1           | 1,7600 | 1,7900     |      | 2            | 30            | 25917 25-7-2018    |
| O                | ING                       | ING  | 16-12-2022  | 12,0000        | C                 | EUR               | 1,9300 | 1,9300 | 1,9300 | 2           | 1,9300 | 1,8400     |      | 2            | 27            | 1703 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 12,0000        | P                 | EUR               | 2,9500 | 2,9700 | 2,9500 | 4           | 2,9500 | 3,0200     |      | 3            | 25            | 1007 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 14,0000        | C                 | EUR               | 1,1300 | 1,1300 | 1,1300 | 1           | 1,1300 | 1,1200     |      | 1            | 5             | 10885 25-7-2018    |
| O                | ING                       | ING  | 16-12-2022  | 14,0000        | P                 | EUR               | 4,4100 | 4,4800 | 4,4100 | 2           | 4,4800 | 4,4800     |      | 4            | 11            | 3249 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 15,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,8900 | 3           | 0,8900 | 0,8900     |      | 1            | 102           | 9263 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 15,0000        | P                 | EUR               | 5,3000 | 5,3000 | 5,3000 | 1           | 5,3000 | 5,3100     |      | 5            | 10            | 2112 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 16,0000        | C                 | EUR               | 0,7100 | 0,7100 | 0,7100 | 1           | 0,7100 | 0,7200     |      | 1            | 12            | 7367 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 16,0000        | P                 | EUR               | 5,9500 | 6,2000 | 5,9500 | 2           | 6,2000 | 6,1600     |      | 6            | 102           | 3198 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 20,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,3100     |      | 0            | 2             | 4418 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 20,0000        | P                 | EUR               | 9,8000 | 9,8000 | 9,8000 | 1           | 9,8000 | 9,8600     |      | 10           | 1             | 506 25-7-2018      |
| O                | ING                       | ING  | 16-12-2022  | 25,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1200     |      | 0            | 5             | 2959 25-7-2018     |
| O                | ING                       | ING  | 16-12-2022  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7100    |      | 15           | 0             | 695 25-7-2018      |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4460     |      | 2            | 0             | 0 25-7-2018        |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4451     |      | 2            | 0             | 0 25-7-2018        |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4444     |      | 2            | 0             | 0 25-7-2018        |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4429     |      | 2            | 0             | 0 25-7-2018        |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4411     |      | 2            | 0             | 0 25-7-2018        |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2365     |      | 2            | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2836,5000  |      | 2837         | 0             | 0 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2809,6500  |      | 2810         | 0             | 0 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2811,0000  |      | 2811         | 0             | 0 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2748,6600  |      | 2749         | 0             | 0 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2687,9000  |      | 2688         | 0             | 0 25-7-2018        |
| F                | IP6                       | Imperial Brands - Stock Future                               | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2662,9900  |      | 2663         | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9727     |      | 10           | 0             | 0 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9693     |      | 10           | 0             | 0 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9665     |      | 10           | 0             | 0 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9604     |      | 10           | 0             | 0 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9527     |      | 10           | 0             | 0 25-7-2018        |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9461     |      | 10           | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 17-8-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 0 25-7-2018        |
| O                | ISF                       |  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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 | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4300     |      | 6            | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3836    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3738    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3659    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,1834    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,1619    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT6                       | Inditex SA - Stock Future                                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,7333    |      | 28           | 0             | 25-7-2018          |           |
| F                | IT8                       | Inditex - Dividend Future                                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 25-7-2018          |           |
| F                | IT8                       | Inditex - Dividend Future                                   | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6181     |      | 1            | 0             | 25-7-2018          |           |
| F                | IT8                       | Inditex - Dividend Future                                   | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6990     |      | 1            | 0             | 25-7-2018          |           |
| F                | IT8                       | Inditex - Dividend Future                                   | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7935     |      | 1            | 0             | 25-7-2018          |           |
| F                | IT8                       | Inditex - Dividend Future                                   | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7935     |      | 1            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     |      | 4            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 11            | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 25-7-2018          |           |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 190                | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 128                | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 50                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 16                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 16,0000        | C                 | EUR               | 0,4000 | 0,4300 | 0,4000 | 4           | 0,4300 | 0,4000     |      | 0            | 41            | 212                | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 37                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 16,5000        | C                 | EUR               | 0,2200 | 0,2900 | 0,2200 | 2           | 0,2900 | 0,2600     |      | 0            | 27            | 120                | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 27                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 17,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 2           | 0,1500 | 0,1800     |      | 0            | 6             | 17                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 2                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 2                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     |      | 3            | 0             | 1                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4600     |      | 4            | 0             | 5                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 35                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 3                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 4                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 21                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 8                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 15                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 16,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5300     |      | 1            | 10            | 116                | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 16                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 76                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     |      | 2            | 0             | 2                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 8                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6400     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 15,5000        | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7300     |      | 1            | 40            | 43                 | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 1                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 5                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 17,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3100     |      | 0            | 1             | 1                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | ITR                       | Intertrust - Stock Option                                   | 19-10-2018  | 19,0000        | 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                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     | 5    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 37,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 38,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 2             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 38,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 38,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 39,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 39,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 1             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 39,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 39,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 41,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 41,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 44,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 17-8-2018   | 44,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2300    | 11   | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2300     | 9    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2300     | 7    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 10            | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2700     | 5    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 5             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 0    | 0            | 2             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 37,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 38,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 5             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 2             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 39,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 50            | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 39,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 1             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 41,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 41,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 44,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 44,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 45,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 45,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9500     | 6    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 50,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-9-2018   | 50,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9500    | 11   | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 34,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     | 5    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 34,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 36,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 36,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 37,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 37,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 38,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 38,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 39,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 39,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 40,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 41,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 41,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 42,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 42,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 44,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 19-10-2018  | 44,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     | 5    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-12-2018  | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2300    | 11   | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-12-2018  | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-12-2018  | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2300     | 9    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-12-2018  | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 3    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ( | 21-12-2018  | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     | 7    | 0            | 0             | 25-7-2018          |
| O                | IWR                       | IWR Stock Option (   |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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                | KFG                       | Kingfisher - Stock Future         | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 311,6400   | 312  | 0            | 0             | 25-7-2018          |
| F                | KFG                       | Kingfisher - Stock Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 312,0000   | 312  | 0            | 0             | 25-7-2018          |
| F                | KFG                       | Kingfisher - Stock Future         | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 312,5500   | 313  | 0            | 0             | 25-7-2018          |
| F                | KFG                       | Kingfisher - Stock Future         | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 305,5700   | 306  | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,9789    | 93   | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,9468    | 93   | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,7172    | 93   | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,6596    | 93   | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,5888    | 93   | 0            | 0             | 25-7-2018          |
| F                | KG6                       | Kerry Group PLC - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,0474    | 92   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4908    | 40   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3569    | 40   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3457    | 40   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3207    | 40   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,2899    | 40   | 0            | 0             | 25-7-2018          |
| F                | KI6                       | Kingspan Group Plc - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9832    | 40   | 0            | 0             | 25-7-2018          |
| F                | KK8                       | Kesko OYJ B - Dividend Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 0             | 25-7-2018          |
| F                | KK8                       | Kesko OYJ B - Dividend Future     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2    | 0            | 0             | 25-7-2018          |
| F                | KK8                       | Kesko OYJ B - Dividend Future     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| F                | KK8                       | Kesko OYJ B - Dividend Future     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 0             | 25-7-2018          |
| F                | KK8                       | Kesko OYJ B - Dividend Future     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,6192    | 48   | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,6028    | 48   | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,5896    | 48   | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,5601    | 48   | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,8240    | 46   | 0            | 0             | 25-7-2018          |
| F                | KOG                       | Kone OYJ - Stock Future           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7938    | 46   | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4254     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4246     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4239     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4224     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4206     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP6                       | KPN NV - Stock Future             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3590     | 2    | 0            | 0             | 25-7-2018          |
| F                | KP8                       | KPN Koninklijke - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1130     | 0    | 0            | 0             | 25-7-2018          |
| F                | KP8                       | KPN Koninklijke - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1220     | 0    | 0            | 0             | 25-7-2018          |
| F                | KP8                       | KPN Koninklijke - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1380     | 0    | 0            | 0             | 25-7-2018          |
| F                | KP8                       | KPN Koninklijke - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1380     | 0    | 0            | 0             | 25-7-2018          |
| F                | KP8                       | KPN Koninklijke - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1380     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,7900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,7900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 14           | 25-7-2018     |                    |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,1900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 933           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,1900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 40            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,2900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 32            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,2900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 42            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,3900         | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 5           | 0,0900 | 0,0800     | 0    | 21           | 776           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,3900         | P                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 6           | 0,0400 | 0,0400     | 0    | 28           | 775           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,4900         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     | 0    | 100          | 3290          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,4900         | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 10           | 2393          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,5900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 47            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,5900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 43            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,7800         | P                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3600     | 0    | 1            | 1             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 79            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 17-8-2018   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 5             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 1             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 510           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 536           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 2,1900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 343           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 2,1900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 15153         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 2,3000         | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 3           | 0,1700 | 0,1700     | 0    | 34           | 170           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 2,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-9-2018   | 2,3900         | C                 | EUR               | 0,1100 | 0,1100 | 0,1000 | 4           | 0,1100 | 0,1000     | 0    | 7            | 1437          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN 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                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 4344 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,1800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 426 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,1800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 1217 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,3800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,3800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 175 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 385 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 25264 25-7-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 226 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 4,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-9-2018   | 4,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 25459 25-7-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,4000         | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0900     |      | 0            | 157           | 157 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,5000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0700     |      | 0            | 35            | 35 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 4             | 4 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-10-2018  | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 0,4600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 189 25-7-2018      |
| 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 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 154 25-7-2018      |
| 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 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 28 25-7-2018       |
| 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 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 833 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 746 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 5 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 11 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,2500         | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2400     |      | 0            | 30            | 4587 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 3662 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,3900         | C                 | EUR               | 0,1600 | 0,1600 | 0,1500 | 3           | 0,1500 | 0,1500     |      | 0            | 203           | 4514 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,3900         | P                 | EUR               | 0,1200 | 0,1300 | 0,1200 | 2           | 0,1300 | 0,1200     |      | 0            | 3             | 563 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,4800         | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 2           | 0,1000 | 0,1100     |      | 0            | 100           | 4389 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 1839 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,5900         | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 3           | 0,0700 | 0,0700     |      | 0            | 230           | 7373 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,5900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 1626 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 14898 25-7-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 9874 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 1416 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 1845 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 7652 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,8900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 4998 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2132 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 590 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 52471 25-7-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 6179 25-7-2018     |
| 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 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 4018 25-7-2018     |
| 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 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 3,8100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 760 25-7-2018      |
| 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 25-7-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 1068 25-7-2018     |
| 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 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 2175 25-7-2018     |
| 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 25-7-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 1577 25-7-2018     |
| 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 25-7-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 50 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 50 25-7-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,4900         | 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                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 425           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 676           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 196           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 466           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 250           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 77            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     | 2    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 3901          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 312           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 920           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 45            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 278           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 11            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4900         | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 5           | 0,1700 | 0,1700     | 0    | 100          | 3521          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 3674          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 284           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 70            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2305          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,9800         | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6700     | 1    | 10           | 3816          | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 441           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 799           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 249           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,8000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6600     | 1    | 101          | 2630          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0700     | 0    | 10           | 667           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 474           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,2500         | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 5           | 0,3300 | 0,3200     | 0    | 130          | 4482          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 7565          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,4800         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 4           | 0,2200 | 0,2100     | 0    | 100          | 5172          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 6491          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,7000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     | 0    | 100          | 16673         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 5870          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 12701         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 11546         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 6113          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 6335          | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 0             | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 3122          | 25-7-2018          |
| 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          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 2124          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 200           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 10            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 15            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 14            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 301           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 267           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 5422          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 1339          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 115           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 3885          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 3332          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,7000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     | 0    | 1            | 10837         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 7972          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 3,1400         | C                 | EUR               | 0,1100 | 0,1200 | 0,1100 | 3           | 0,1100 | 0,1100     | 0    | 15           | 13216         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 3,1400         | P                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9900     | 1    | 1            | 19032         | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 2256          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 1369          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-12-2020  | 4,0000         |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 1,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 3771          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,4800         | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3100     | 0    | 20           | 4831          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 2085          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 2406          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 2800          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 3,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1419          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 3,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 1688          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 5,9400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 875           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 5,9400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7600     | 4    | 0            | 1930          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 192           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 1,9900         | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6000     | 1    | 50           | 2856          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 1777          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 3748          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 2704          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,9800         | C                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 2           | 0,2300 | 0,2300     | 0    | 11           | 3566          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 2235          | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 3,9800         | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,0900     | 0    | 100          | 407           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 3,9800         | P                 | EUR               | 1,8700 | 1,8700 | 1,8700 | 1           | 1,8700 | 1,9000     | 2    | 4            | 554           | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 5,9700         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 21            | 25-7-2018          |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 5,9700         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8300     | 4    | 0            | 1888          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 1,7900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 1,7900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,1900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,1900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 40           | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,2900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,2900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 40           | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,3900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 3            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,3900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 18           | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 102          | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,5900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 40           | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,5900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 20           | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-8-2018   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 1             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 1,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 492           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 515           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,1900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 216           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,1900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 15153         | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,3900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 1069          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,3900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1037          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2960          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 1444          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,5900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 18288         | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,5900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 1682          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2461          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 2404          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3881          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 2830          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,1800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 411           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,1800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 1114          | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,3800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,3800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 174           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 385           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 25202         | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 214           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 4,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-9-2018   | 4,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 25447         | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,4600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 15            | 25-7-2018          |
| 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            | 20            | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 129           | 25-7-2018          |
| 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            | 85            | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 28            | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 75            | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 779           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 779           | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 2             | 25-7-2018          |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 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                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 15324         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 8543          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 1641          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 1252          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 6690          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 4023          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2074          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 219           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0200  | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     |      | 3            | 52243         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | P                 | EUR               | 0,7400  | 0,7400 | 0,7400 | 4           | 0,7400 | 0,7300     |      | 1            | 40            | 6095               | 25-7-2018 |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 6380          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | P                 | EUR               | 1,1900  | 1,1900 | 1,1900 | 1           | 1,1900 | 1,1800     |      | 5            | 4568          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,8100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 147           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,8100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 760           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 10113         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 1073          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 503           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 2134          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1671          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 1599          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 365           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 25            | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 0,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 1,4900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 1,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 110           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 1,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 50            | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,1900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 350           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,1900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 1555          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,3900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 1564          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,3900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 315           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,5900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 1742          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,5900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 1025          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,7800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 297           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,7800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 605           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 102           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 2,9800         | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 427           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 3,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 3,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 250           | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 15-3-2019   | 3,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 74            | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 0,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 0,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1             | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 1,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 3848          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 1,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 101           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 2,4900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 2264          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 2,4900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 2965          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 2550          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 2,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 1056          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 3,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 677           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 3,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 70            | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 3,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 186           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-6-2019   | 3,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 964           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 55            | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 727           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 2067          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 666           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | C                 | EUR               | 0,3400  | 0,3400 | 0,3400 | 5           | 0,3400 | 0,3200     |      | 5            | 3963          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 4402          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 3192          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 6291          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 15434         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 5135          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 12493         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 11213         | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 6210          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 6135          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 568           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 3316          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1024          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 1992          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 117           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 529           | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 4838          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 1309          | 25-7-2018          |           |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 2,4800         | 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                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 1471 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 10019 25-7-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 945 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 0,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 243 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 0,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 360 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 1,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 4894 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 1,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 4235 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 4643 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,4800         | P                 | EUR               | 0,5800 | 0,5800 | 0,5800 | 1           | 0,5800 | 0,5600     |      | 1            | 10            | 2876 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 2395 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 2666 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 3,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1435 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 3,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 1688 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 5,9400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 875 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 5,9400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7600     |      | 4            | 0             | 1861 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 185 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 25-7-2018        |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 1,9900         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,6000     |      | 1            | 5             | 2312 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 1399 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 2258 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 1931 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,9800         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2300     |      | 0            | 8             | 3458 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,9800         | P                 | EUR               | 1,0400 | 1,0400 | 1,0400 | 1           | 1,0400 | 0,9900     |      | 1            | 8             | 2782 25-7-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 355 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 534 25-7-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 5,9700         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 26 25-7-2018       |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 5,9700         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8300     |      | 4            | 0             | 826 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,4600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 15 25-7-2018       |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,4600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 20 25-7-2018       |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 238 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 42 25-7-2018       |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 629 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 797 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 3367 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 767 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 974 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 463 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 8108 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 2545 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 2018 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 1098 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 23488 25-7-2018    |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 2758 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2449 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 1861 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,8100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 146 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,8100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 511 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 9913 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 2 25-7-2018        |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 498 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 630 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 781 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 939 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 100 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 0 25-7-2018        |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 223 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 727 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 1359 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 749 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 2861 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 3617 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 1612 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 1051 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 12148 25-7-2018    |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 1648 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 6576 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 7136 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 4385 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 3373 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 498 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 367 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 824 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 1745 25-7-2018     |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 29 25-7-2018       |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 518 25-7-2018      |
| O                | KPW                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 1,8000         | 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                | KPW                       | KONINKLIJKE KPN NV OLD          | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 599           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 602           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6488          | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 901           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 0,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 54            | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 0,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2             | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 1,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 3667          | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 1,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 648           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 968           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 520           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 2,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 1043          | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 2,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 1229          | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 3,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 589           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 3,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 589           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 5,9400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 752           | 25-7-2018          |
| O                | KPW                       | KONINKLIJKE KPN NV OLD          | 17-12-2021  | 5,9400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7600     | 4    | 0            | 808           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 145           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 42            | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 610           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 765           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 2885          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 819           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2899          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 1517          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2673          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 186           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1665          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 1285          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 486           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 500           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2027          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     | 3    | 0            | 857           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 201           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 727           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 927           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 750           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 1367          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 1337          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 9990          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 1311          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 6363          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 6515          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 4216          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 3732          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 413           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 231           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 661           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 1583          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 2             | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 475           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 362           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 112           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 831           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 321           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 305           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 151           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1150          | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 356           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 36            | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 123           | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 69            | 25-7-2018          |
| O                | KPX                       | KONINKLIJKE KPN NV OLD (size 1) | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 413           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 265           | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 558           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 1688          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 804           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 2922          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 1487          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 2,8900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 149           | 25-7-2018          |
| 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            | 1921          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 202           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD          | 21-12-2018  | 3,6000         | 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                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 750           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 1480          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 1032          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 9680          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 1073          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 6088          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 7702          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 4076          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 4206          | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 302           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 1398          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 2             | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 313           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 476           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 966           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 428           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 466           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 295           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1010          | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 347           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 96            | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 127           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 265           | 25-7-2018          |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD                      | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 664           | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8850    | 22   | 0            | 0             | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8775    | 22   | 0            | 0             | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8714    | 22   | 0            | 0             | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8579    | 22   | 0            | 0             | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8412    | 22   | 0            | 0             | 25-7-2018          |
| F                | KS6                       | K+S AG - Stock Future                       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2268    | 21   | 0            | 0             | 25-7-2018          |
| F                | KS8                       | K+S - Dividend Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 25-7-2018          |
| F                | KS8                       | K+S - Dividend Future                       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | KS8                       | K+S - Dividend Future                       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 25-7-2018          |
| F                | KS8                       | K+S - Dividend Future                       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 25-7-2018          |
| F                | KS8                       | K+S - Dividend Future                       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 126,2638   | 126  | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 125,5389   | 126  | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 125,5154   | 126  | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 125,4261   | 125  | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,6175   | 125  | 0            | 0             | 25-7-2018          |
| F                | KT6                       | Elekta B - Stock Future                     | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,5325   | 125  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,8823   | 153  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,8260   | 153  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,7422   | 153  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,6102   | 153  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,4506   | 152  | 0            | 0             | 25-7-2018          |
| F                | KU6                       | Kuehne + Nagel International - Stock Future | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,0382   | 146  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 300,3138   | 300  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 300,2543   | 300  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 300,1982   | 300  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 299,9846   | 300  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 299,7245   | 300  | 0            | 0             | 25-7-2018          |
| F                | KV6                       | Kinnevik B - Stock Future                   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 291,0222   | 291  | 0            | 0             | 25-7-2018          |
| F                | KV8                       | Kinnevik B - Dividend                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     | 8    | 0            | 0             | 25-7-2018          |
| F                | KV8                       | Kinnevik B - Dividend                       | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9    | 0            | 0             | 25-7-2018          |
| F                | KV8                       | Kinnevik B - Dividend                       | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7500     | 9    | 0            | 0             | 25-7-2018          |
| F                | KV8                       | Kinnevik B - Dividend                       | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     | 9    | 0            | 0             | 25-7-2018          |
| F                | KV8                       | Kinnevik B - Dividend                       | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     | 9    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 1             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 23            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 18,0000        | C                 | EUR               | 0,4000 | 0,5000 | 0,4000 | 3           | 0,4800 | 0,3800     | 0    | 24           | 32            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 18,0000        | P                 | EUR               | 0,2700 | 0,3000 | 0,2700 | 3           | 0,3000 | 0,2700     | 0    | 13           | 57            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 18,5000        | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 2           | 0,2100 | 0,1800     | 0    | 40           | 61            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 18,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,4900 | 2           | 0,4900 | 0,5700     | 1    | 20           | 56            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 55            | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 259           | 25-7-2018          |
| O                | KVW                       | VolkerWessels Koninklijke - Stock Option    | 17-8-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,030      |      |              |               |                    |



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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 | 21-12-2018  | 18,0000        | P                 | EUR               | 1,1500  | 1,1500 | 1,1000 | 5           | 1,1000 | 1,1700     | 1    | 55           | 75            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 11            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 41            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,4500  | 0,4500 | 0,4500 | 1           | 0,4500 | 0,3900     | 0    | 2            | 28            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3    | 0            | 167           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 90            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 59            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 167           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 55            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 60            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2500     | 5    | 0            | 93            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 89            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     | 6    | 0            | 37            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 136           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     | 7    | 0            | 14            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,1700     | 8    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 9             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,1500    | 10   | 0            | 2             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,1500    | 12   | 0            | 4             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,1200     | 6    | 0            | 3             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,2600  | 0,2600 | 0,2400 | 2           | 0,2400 | 0,2800     | 0    | 20           | 20            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 60            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 13            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 17,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 17,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 1,4000  | 1,4000 | 1,4000 | 1           | 1,4000 | 1,3700     | 1    | 1            | 158           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 1,4500  | 1,4500 | 1,4500 | 4           | 1,4500 | 1,4900     | 1    | 36           | 60            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 19,0000        | C                 | EUR               | 0,9500  | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9100     | 1    | 5            | 10            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 94            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 188           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3    | 0            | 34            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 21,0000        | C                 | EUR               | 0,4500  | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4300     | 0    | 5            | 14            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     | 4    | 0            | 4             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 22,0000        | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 156           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4600     | 4    | 0            | 25            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 17            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     | 5    | 0            | 6             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 34            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     | 6    | 0            | 12            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 3             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,2500     | 7    | 0            | 2             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,2200     | 8    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,1900    | 10   | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,1800    | 12   | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4    | 0            | 6             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 16            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 59            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 17,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 17,0000        | P                 | EUR               | 1,6000  | 1,6000 | 1,6000 | 1           | 1,6000 | 1,6400     | 2    | 5            | 25            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 23            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 2,2000  | 2,2000 | 2,2000 | 1           | 2,2000 | 2,2000     | 2    | 2            | 214           | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 19,0000        | C                 | EUR               | 1,1000  | 1,1000 | 1,1000 | 1           | 1,1000 | 1,0700     | 1    | 5            | 15            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 35            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,8000  | 0,8000 | 0,8000 | 1           | 0,8000 | 0,7600     | 1    | 2            | 54            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4    | 0            | 40            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 90            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     | 4    | 0            | 6             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 6             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     | 5    | 0            | 25            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 17            | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,2000     | 6    | 0            | 1             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 3             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,1400     | 7    | 0            | 8             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,0400     | 9    | 0            | 0             | 25-7-2018          |
| O                | KVV                       | VolkerWessels Kon                        |             |                |                   |                   |         |        |        |             |        |            |      |              |               |                    |



| 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                | LA6                       | Alfa Laval - Stock Future               | 17-8-2018   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,5313   | 240  | 0            | 0             | 25-7-2018          |
| F                | LA6                       | Alfa Laval - Stock Future               | 21-9-2018   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,4838   | 239  | 0            | 0             | 25-7-2018          |
| F                | LA6                       | Alfa Laval - Stock Future               | 19-10-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,4391   | 239  | 0            | 0             | 25-7-2018          |
| F                | LA6                       | Alfa Laval - Stock Future               | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,2687   | 239  | 0            | 0             | 25-7-2018          |
| F                | LA6                       | Alfa Laval - Stock Future               | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,0612   | 239  | 0            | 0             | 25-7-2018          |
| F                | LA6                       | Alfa Laval - Stock Future               | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 234,4002   | 234  | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 17-8-2018   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1602    | 22   | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 21-9-2018   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1520    | 22   | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 19-10-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1399    | 22   | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1207    | 22   | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0976    | 22   | 0            | 0             | 25-7-2018          |
| F                | LD6                       | ABB - Stock Future                      | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2572    | 21   | 0            | 0             | 25-7-2018          |
| F                | LD8                       | ABB - Dividend Future                   | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| F                | LD8                       | ABB - Dividend Future                   | 20-12-2019  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| F                | LD8                       | ABB - Dividend Future                   | 18-12-2020  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | LD8                       | ABB - Dividend Future                   | 17-12-2021  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 25-7-2018          |
| F                | LD8                       | ABB - Dividend Future                   | 16-12-2022  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 210,0523   | 210  | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 209,9798   | 210  | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 209,9219   | 210  | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 209,7915   | 210  | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 209,6313   | 210  | 0            | 0             | 25-7-2018          |
| F                | LE6                       | Linde AG - Stock Future                 | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 209,4915   | 209  | 0            | 0             | 25-7-2018          |
| F                | LE8                       | Linde - Dividend Future                 | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     | 7    | 5            | 25-7-2018     |                    |
| F                | LE8                       | Linde - Dividend Future                 | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 1            | 25-7-2018     |                    |
| F                | LE8                       | Linde - Dividend Future                 | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| F                | LE8                       | Linde - Dividend Future                 | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| F                | LE8                       | Linde - Dividend Future                 | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 259,5900   | 260  | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 259,7400   | 260  | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 259,8600   | 260  | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 260,1700   | 260  | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 260,6300   | 261  | 0            | 0             | 25-7-2018          |
| F                | LL6                       | Legal & General Group - Stock Future    | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 249,4200   | 249  | 0            | 0             | 25-7-2018          |
| F                | LL8                       | Legal & General Group - Dividend Future | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6000    | 16   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1655,0800  | 1655 | 0            | 0             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1656,0200  | 1656 | 0            | 0             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1656,8100  | 1657 | 0            | 0             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1658,7500  | 1659 | 0            | 0             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1661,6800  | 1662 | 0            | 0             | 25-7-2018          |
| F                | LO6                       | Anglo American - Stock Future           | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1665,5600  | 1666 | 0            | 0             | 25-7-2018          |
| F                | LO8                       | Anglo American - Dividend Future        | 21-12-2018  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 17-8-2018   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,4794    | 46   | 0            | 0             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 21-9-2018   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,4623    | 46   | 0            | 0             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 19-10-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7671    | 46   | 0            | 0             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7276    | 46   | 0            | 0             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,6798    | 46   | 0            | 0             | 25-7-2018          |
| F                | LT6                       | Logitech International - Stock Future   | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,6150    | 46   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8653    | 21   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8581    | 21   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8523    | 21   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8394    | 21   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8234    | 21   | 0            | 0             | 25-7-2018          |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0999    | 20   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5844    | 69   | 0            | 0             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5608    | 69   | 0            | 0             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5418    | 69   | 0            | 0             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,4993    | 68   | 0            | 0             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,4470    | 68   | 0            | 0             | 25-7-2018          |
| F                | LX6                       | Lanxess AG - Stock Future               | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 67,4516    | 67   | 0            | 0             | 25-7-2018          |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 21-12-2018  | 0,0000         | GBX               | 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 |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | MA8                       | Mediaset - Dividend Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| F                | MA8                       | Mediaset - Dividend Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| F                | MA8                       | Mediaset - Dividend Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| F                | MA8                       | Mediaset - Dividend Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 485,9606   | 486  | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 485,8642   | 486  | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 485,7735   | 486  | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 485,4278   | 485  | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 485,0069   | 485  | 0            | 0             | 25-7-2018          |
| F                | MB6                       | Swedish Match - Stock Future          | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 474,1824   | 474  | 0            | 0             | 25-7-2018          |
| F                | MB8                       | Swedish Match - Dividend              | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0180     | 9    | 0            | 0             | 25-7-2018          |
| F                | MB8                       | Swedish Match - Dividend              | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 0             | 25-7-2018          |
| F                | MB8                       | Swedish Match - Dividend              | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0000    | 10   | 0            | 0             | 25-7-2018          |
| F                | MB8                       | Swedish Match - Dividend              | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 25-7-2018          |
| F                | MB8                       | Swedish Match - Dividend              | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,5075   | 323  | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,4435   | 322  | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,3833   | 322  | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,1539   | 322  | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 321,8745   | 322  | 0            | 0             | 25-7-2018          |
| F                | MD6                       | Modern Times Group B - Stock Future   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 308,6583   | 309  | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9344     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9320     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9301     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9258     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6206     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME6                       | Ceconomy - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6162     | 7    | 0            | 0             | 25-7-2018          |
| F                | ME8                       | Ceconomy - Dividend Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| F                | ME8                       | Ceconomy - Dividend Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 25-7-2018          |
| F                | ME8                       | Ceconomy - Dividend Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| F                | ME8                       | Ceconomy - Dividend Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 0             | 25-7-2018          |
| F                | ME8                       | Ceconomy - Dividend Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 298,6100   | 299  | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 298,7800   | 299  | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 298,9200   | 299  | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 299,2700   | 299  | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 299,0000   | 300  | 0            | 0             | 25-7-2018          |
| F                | MG6                       | Standard Life Aberdeen - Stock Future | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 284,9800   | 285  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 172,0625   | 172  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 169,6369   | 170  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 169,8662   | 170  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 167,7244   | 168  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 165,7644   | 166  | 0            | 0             | 25-7-2018          |
| F                | MH6                       | Marine Harvest - Stock Future         | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 163,8443   | 164  | 0            | 0             | 25-7-2018          |
| F                | MJ8                       | Mediobanca - Dividend Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 25-7-2018          |
| F                | MJ8                       | Mediobanca - Dividend Future          | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| F                | MJ8                       | Mediobanca - Dividend Future          | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| F                | MJ8                       | Mediobanca - Dividend Future          | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| F                | MJ8                       | Mediobanca - Dividend Future          | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,1405    | 86   | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,1107    | 86   | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,0869    | 86   | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,0335    | 86   | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,9678    | 86   | 0            | 0             | 25-7-2018          |
| F                | MK6                       | Merck KGaA - Stock Future             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,6311    | 85   | 0            | 0             | 25-7-2018          |
| F                | MK8                       | Merck - Dividend Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 3             | 25-7-2018          |
| F                | MK8                       | Merck - Dividend Future               | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 2             | 25-7-2018          |
| F                | MK8                       | Merck - Dividend Future               | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 0             | 25-7-2018          |
| F                | MK8                       | Merck - Dividend Future               | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 25-7-2018          |
| F                | MK8                       | Merck - Dividend Future               | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6134     | 3    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6125     | 3    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6118     | 3    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5412     | 3    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5392     | 3    | 0            | 0             | 25-7-2018          |
| F                | MP6                       | Mapfre SA - Stock Future              | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4376     | 2    | 0            | 0             | 25-7-2018          |
| F                | MP8                       | Mapfre - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1550     | 0    | 0            | 0             | 25-7-2018          |
| F                | MP8                       | Mapfre - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1546     | 0    | 0            | 0             | 25-7-2018          |
| F                | MP8                       | Mapfre - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 25-7-2018          |
| F                | MP8                       | Mapfre - Dividend Future              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 25-7-2018          |
| F                | MP8                       | Mapfre - Dividend Future              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,8100   | 308  | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,9800   | 308  | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 308,1300   | 308  | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 301,6900   | 302  | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 302,2200   | 302  | 0            | 0             | 25-7-2018          |
| F                | MQ6                       | Marks & Spencer Group - Stock Future  | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 291,0200   | 291  | 0            | 0             | 25-7-2018          |



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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                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5100    |      | 29           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4700    |      | 16           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8700    |      | 35           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    |      | 12           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,9900    |      | 42           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7600     |      | 9            | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,6800    |      | 50           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2500     |      | 6            | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,8900    |      | 58           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,5300    |      | 67           | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 25-7-2018          |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 143,9100   |      | 144          | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0332    |      | 30           | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0228    |      | 30           | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0145    |      | 30           | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9959    |      | 30           | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9730    |      | 30           | 0             | 25-7-2018          |
| F                | MS6                       | Metso OYJ - Stock Future     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,8539    |      | 29           | 0             | 25-7-2018          |
| F                | MS8                       | Metso OYJ - Dividend         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 25-7-2018          |
| F                | MS8                       | Metso OYJ - Dividend         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 25-7-2018          |
| F                | MS8                       | Metso OYJ - Dividend         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 25-7-2018          |
| F                | MS8                       | Metso OYJ - Dividend         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| F                | MS8                       | Metso OYJ - Dividend         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     |      | 5            | 0             | 140 25-7-2018      |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     |      | 3            | 242           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 22,0000        | C                 | EUR               | 4,2700 | 4,2700 | 4,2700 | 1           | 4,2700 | 4,3100     |      | 4            | 7             | 364 25-7-2018      |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 22,0000        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 3           | 0,1100 | 0,1100     |      | 5            | 7321          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 150 25-7-2018      |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 23,0000        | P                 | EUR               | 0,1800 | 0,1800 | 0,1600 | 11          | 0,1700 | 0,1700     |      | 0            | 141 1932      | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 86 25-7-2018       |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 23,5000        | P                 | EUR               | 0,2200 | 0,2400 | 0,2200 | 5           | 0,2200 | 0,2300     |      | 0            | 70 593        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 227 25-7-2018      |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 24,0000        | P                 | EUR               | 0,3000 | 0,3000 | 0,2700 | 4           | 0,3000 | 0,3000     |      | 0            | 57 3277       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 24,5000        | C                 | EUR               | 2,1500 | 2,1600 | 2,1500 | 2           | 2,1600 | 2,1000     |      | 2            | 15 259        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 24,5000        | P                 | EUR               | 0,3700 | 0,3800 | 0,3700 | 2           | 0,3800 | 0,3900     |      | 0            | 30 781        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 25,0000        | C                 | EUR               | 1,9400 | 1,9400 | 1,7900 | 7           | 1,7400 | 1,7300     |      | 2            | 87 877        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 25,0000        | P                 | EUR               | 0,5100 | 0,5400 | 0,4800 | 10          | 0,5400 | 0,5300     |      | 1            | 58 9469       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 25,5000        | C                 | EUR               | 1,4500 | 1,4800 | 1,4200 | 5           | 1,4200 | 1,3900     |      | 1            | 17 936        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 25,5000        | P                 | EUR               | 0,6400 | 0,7100 | 0,6400 | 8           | 0,7100 | 0,7000     |      | 1            | 114 558       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 26,0000        | C                 | EUR               | 1,2500 | 1,2500 | 1,0600 | 28          | 1,1000 | 1,1000     |      | 1            | 125 1397      | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 26,0000        | P                 | EUR               | 0,8200 | 0,9200 | 0,8200 | 16          | 0,8900 | 0,9100     |      | 1            | 58 1222       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 26,5000        | C                 | EUR               | 0,9600 | 0,9800 | 0,8300 | 8           | 0,8300 | 0,8500     |      | 1            | 33 1170       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 26,5000        | P                 | EUR               | 1,0200 | 1,2000 | 1,0200 | 16          | 1,1600 | 1,1600     |      | 1            | 316 727       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 27,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,6500 | 10          | 0,6500 | 0,6500     |      | 1            | 30 5475       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 27,0000        | P                 | EUR               | 1,3400 | 1,4100 | 1,3000 | 9           | 1,3700 | 1,4600     |      | 1            | 41 3168       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 27,5000        | C                 | EUR               | 0,5600 | 0,5700 | 0,4600 | 7           | 0,5000 | 0,4900     |      | 0            | 44 890        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 27,5000        | P                 | EUR               | 1,6200 | 1,6200 | 1,6200 | 1           | 1,6200 | 1,7900     |      | 2            | 1 150         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 28,0000        | C                 | EUR               | 0,4100 | 0,4100 | 0,3300 | 12          | 0,3600 | 0,3600     |      | 0            | 586 21834     | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 28,0000        | P                 | EUR               | 2,0500 | 2,1600 | 2,0500 | 2           | 2,1600 | 2,1600     |      | 2            | 76 1026       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 28,5000        | C                 | EUR               | 0,3200 | 0,3200 | 0,2600 | 7           | 0,2600 | 0,2700     |      | 0            | 17 603        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0 229         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 29,0000        | C                 | EUR               | 0,2300 | 0,2300 | 0,1900 | 3           | 0,2000 | 0,1900     |      | 0            | 12 1001       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 29,0000        | P                 | EUR               | 2,9600 | 2,9600 | 2,9600 | 1           | 2,9600 | 3,0000     |      | 3            | 100 468       | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 29,5000        | C                 | EUR               | 0,1700 | 0,1700 | 0,1400 | 3           | 0,1400 | 0,1500     |      | 0            | 6 283         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     |      | 3            | 0 570         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0 366         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 30,0000        | P                 | EUR               | 3,6700 | 3,9000 | 3,6700 | 2           | 3,9000 | 3,9100     |      | 4            | 3 418         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0 855         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     |      | 5            | 0 388         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0 378         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8400     |      | 6            | 0 30          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0 199         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8400     |      | 8            | 0 35          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0 1           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8300     |      | 10           | 0 5           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2100    |      | 12           | 0 1           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0 106         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2300    |      | 10           | 0 21          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0 515         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     |      | 8            | 0 1           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0 578         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0 11          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 20,0000        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1200     |      | 0            | 1 5475        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 21,0000        | C                 | EUR               | 5,4500 | 5,4500 | 5,3500 | 3           | 5,3500 | 5,3500     |      | 5            | 5 185         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 21,0000        | P                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1700     |      | 0            | 5 367         | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0 1192        | 25-7-2018          |
| O                | MT                        | Arcelor Mittal               | 21-9-2018   | 22,0000        | 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                | MT                        | Arcelor Mittal  | 21-9-2018   | 24,5000        | P                 | EUR               | 0,7500  | 0,7800  | 0,7500  | 3           | 0,7800  | 0,7600     |      | 1            | 4             | 286                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 25,0000        | C                 | EUR               | 2,2800  | 2,2800  | 2,1500  | 2           | 2,1500  | 2,1100     |      | 2            | 4             | 7976               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 25,0000        | P                 | EUR               | 0,8500  | 0,8700  | 0,8500  | 2           | 0,8700  | 0,9300     |      | 1            | 12            | 1596               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 25,5000        | C                 | EUR               | 1,8200  | 1,8200  | 1,8000  | 2           | 1,8000  | 1,8000     |      | 2            | 6             | 183                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 25,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     |      | 1            | 0             | 53                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 26,0000        | C                 | EUR               | 1,6800  | 1,6800  | 1,5100  | 8           | 1,5100  | 1,5300     |      | 2            | 19            | 4618               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 26,0000        | P                 | EUR               | 1,2400  | 1,2900  | 1,2400  | 4           | 1,2900  | 1,3500     |      | 1            | 7             | 7573               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 26,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2800     |      | 1            | 0             | 900                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 26,5000        | P                 | EUR               | 1,5100  | 1,5100  | 1,5100  | 1           | 1,5100  | 1,6000     |      | 2            | 2             | 483                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 27,0000        | C                 | EUR               | 1,1100  | 1,1600  | 1,0800  | 13          | 1,0800  | 1,0600     |      | 1            | 155           | 7279               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 27,0000        | P                 | EUR               | 1,7400  | 1,8300  | 1,7400  | 6           | 1,8300  | 1,8800     |      | 2            | 11            | 3117               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 27,5000        | C                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 1           | 0,9000  | 0,8700     |      | 1            | 7             | 852                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 27,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2000     |      | 2            | 0             | 215                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 28,0000        | C                 | EUR               | 0,7500  | 0,7800  | 0,7000  | 9           | 0,7100  | 0,7200     |      | 1            | 95            | 5117               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5300     |      | 3            | 0             | 2248               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 28,5000        | C                 | EUR               | 0,6100  | 0,6500  | 0,5600  | 6           | 0,5600  | 0,5900     |      | 1            | 11            | 671                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 28,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9000     |      | 3            | 0             | 40                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 29,0000        | C                 | EUR               | 0,5100  | 0,5300  | 0,4800  | 4           | 0,4800  | 0,4700     |      | 0            | 23            | 2981               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2900     |      | 3            | 0             | 1089               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 30,0000        | C                 | EUR               | 0,3300  | 0,3300  | 0,3100  | 4           | 0,3100  | 0,3000     |      | 0            | 81            | 7572               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1300     |      | 4            | 0             | 1297               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 2636               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9400     |      | 6            | 0             | 686                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 1788               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8900     |      | 9            | 0             | 134                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1036               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,8300    |      | 14           | 0             | 77                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1046               | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8300    |      | 19           | 0             | 223                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5900     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 22,0000        | P                 | EUR               | 0,4000  | 0,4000  | 0,3800  | 2           | 0,3800  | 0,4000     |      | 0            | 11            | 15                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7600     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     |      | 1            | 0             | 45                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0200     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8400     |      | 1            | 0             | 166                | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 24,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6700     |      | 3            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 24,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9900     |      | 1            | 0             | 3                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 25,0000        | C                 | EUR               | 2,4000  | 2,4000  | 2,4000  | 1           | 2,4000  | 2,3500     |      | 2            | 1             | 1                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 25,0000        | P                 | EUR               | 1,1400  | 1,1800  | 1,1400  | 3           | 1,1700  | 1,1700     |      | 1            | 33            | 33                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 25,5000        | C                 | EUR               | 2,1900  | 2,1900  | 2,1900  | 1           | 2,1900  | 2,0600     |      | 2            | 5             | 5                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 25,5000        | P                 | EUR               | 1,3300  | 1,3300  | 1,3300  | 1           | 1,3300  | 1,3800     |      | 1            | 3             | 3                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7900     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     |      | 2            | 0             | 3                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 26,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5400     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 26,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8600     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 27,0000        | C                 | EUR               | 1,3000  | 1,3000  | 1,3000  | 1           | 1,3000  | 1,3200     |      | 1            | 1             | 22                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1400     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 27,5000        | C                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 1,1200     |      | 1            | 29            | 29                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 27,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     |      | 1            | 0             | 61                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7800     |      | 3            | 0             | 8                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 29,0000        | C                 | EUR               | 0,7300  | 0,7300  | 0,6700  | 2           | 0,6700  | 0,6800     |      | 1            | 12            | 28                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 30,0000        | C                 | EUR               | 0,5200  | 0,5200  | 0,5200  | 1           | 0,5200  | 0,4700     |      | 0            | 8             | 8                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3000     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    |      | 24           | 0             | 69                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5500    |      | 22           | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 50                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3800    |      | 20           | 0             | 25                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2200    |      | 19           | 0             | 64                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0800    |      | 18           | 0             | 52                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 2                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2100    |      | 17           | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 2                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9100    |      | 17           | 0             | 52                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7600    |      | 16           | 0             | 16                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 30                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,5000        | C                 | EUR               | 15,7500 | 15,7500 | 15,7500 | 1           | 15,7500 | 15,7100    |      | 16           | 57            | 85                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 24                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5800    |      | 15           | 0             | 92                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 20                 | 25-7-2018 |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2300    |      | 14           | 0             | 2                  | 25        |



| 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  | 16,5000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,8100     |      | 10           | 0             | 7 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 3285 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,8300     |      | 8            | 0             | 162 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 1499 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,0000        | C                 | EUR               | 6,6000  | 6,6000 | 6,6000 | 1           | 6,6000 | 6,5800     |      | 7            | 5             | 267 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 9747 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7800     |      | 6            | 0             | 298 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,9400        | P                 | EUR               | 0,5200  | 0,5200 | 0,5200 | 1           | 0,5200 | 0,5300     |      | 1            | 9             | 793 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 1073 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,0000        | P                 | EUR               | 0,7300  | 0,7300 | 0,7300 | 1           | 0,7300 | 0,7400     |      | 1            | 1             | 2638 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 2644 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,2500        | P                 | EUR               | 1,0300  | 1,0300 | 1,0300 | 1           | 1,0300 | 1,0600     |      | 1            | 8             | 1791 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,0000        | C                 | EUR               | 3,5700  | 3,5700 | 3,5700 | 1           | 3,5700 | 3,4800     |      | 3            | 5             | 159 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,0000        | P                 | EUR               | 1,2700  | 1,3000 | 1,2600 | 7           | 1,2900 | 1,3000     |      | 1            | 152           | 1406 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,0000        | C                 | EUR               | 2,9000  | 2,9000 | 2,9000 | 1           | 2,9000 | 2,8600     |      | 3            | 55            | 1359 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,0000        | P                 | EUR               | 1,6500  | 1,7000 | 1,6500 | 3           | 1,7000 | 1,6900     |      | 2            | 4             | 2269 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,5000        | C                 | EUR               | 2,6700  | 2,6700 | 2,5400 | 2           | 2,5400 | 2,5800     |      | 3            | 11            | 2265 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,5000        | P                 | EUR               | 1,8600  | 1,9200 | 1,8600 | 3           | 1,9200 | 1,9100     |      | 2            | 6             | 2109 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,0000        | C                 | EUR               | 2,3500  | 2,3800 | 2,3400 | 3           | 2,3400 | 2,3200     |      | 2            | 22            | 4422 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,0000        | P                 | EUR               | 2,1200  | 2,1200 | 2,0700 | 2           | 2,0700 | 2,1500     |      | 2            | 52            | 8869 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,0000        | C                 | EUR               | 1,8500  | 1,8500 | 1,8400 | 2           | 1,8400 | 1,8500     |      | 2            | 31            | 6276 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,0000        | P                 | EUR               | 2,6000  | 2,6000 | 2,6000 | 1           | 2,6000 | 2,6900     |      | 3            | 2             | 1353 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 28,0000        | C                 | EUR               | 1,5300  | 1,5300 | 1,4500 | 8           | 1,4600 | 1,4600     |      | 1            | 662           | 4191 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 3263 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 29,0000        | C                 | EUR               | 1,2100  | 1,2100 | 1,1900 | 2           | 1,1900 | 1,1500     |      | 1            | 3             | 1070 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 29,0000        | P                 | EUR               | 3,8200  | 3,8700 | 3,8200 | 3           | 3,8700 | 3,9800     |      | 4            | 73            | 1646 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 30,0000        | C                 | EUR               | 0,9400  | 0,9500 | 0,8700 | 6           | 0,9000 | 0,8900     |      | 1            | 178           | 15198 25-7-2018    |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 30,0000        | P                 | EUR               | 4,6500  | 4,7000 | 4,6500 | 3           | 4,7000 | 4,7300     |      | 5            | 66            | 1781 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 34403 25-7-2018    |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     |      | 6            | 0             | 547 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 34,8900        | C                 | EUR               | 0,2900  | 0,2900 | 0,2700 | 3           | 0,2700 | 0,2600     |      | 0            | 17            | 3251 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     |      | 9            | 0             | 610 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 1752 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,9400    |      | 14           | 0             | 801 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 1097 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 46,5300        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 20,4400    |      | 20           | 0             | 1018 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,5600     |      | 9            | 0             | 80 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 2213 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     |      | 7            | 0             | 291 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 20,0000        | P                 | EUR               | 0,6500  | 0,6500 | 0,6500 | 2           | 0,6500 | 0,6700     |      | 1            | 10            | 242 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,3000     |      | 5            | 0             | 127 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     |      | 1            | 0             | 9186 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,5900     |      | 5            | 0             | 99 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 120 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9400     |      | 4            | 0             | 82 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 0             | 566 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 2584 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 273 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 308 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 26,0000        | P                 | EUR               | 2,6500  | 2,6500 | 2,6500 | 1           | 2,6500 | 2,6800     |      | 3            | 1             | 324 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 27,0000        | C                 | EUR               | 2,4100  | 2,4100 | 2,4100 | 1           | 2,4100 | 2,3800     |      | 2            | 5             | 477 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 310 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 995 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 28,0000        | P                 | EUR               | 3,8500  | 3,8500 | 3,8500 | 1           | 3,8500 | 3,8300     |      | 4            | 2             | 150 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 292 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     |      | 4            | 0             | 19 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     |      | 1            | 0             | 46821 25-7-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     |      | 5            | 0             | 729 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 32,0000        | C                 | EUR               | 0,9200  | 0,9200 | 0,9200 | 1           | 0,9200 | 0,9100     |      | 1            | 1             | 30183 25-7-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 32,0000        | P                 | EUR               | 6,6500  | 6,6500 | 6,6500 | 1           | 6,6500 | 6,7800     |      | 7            | 11            | 385 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 310 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 35,0000        | P                 | EUR               | 9,2000  | 9,2000 | 9,2000 | 1           | 9,2000 | 9,3700     |      | 9            | 84            | 154 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 40,0000        | C                 | EUR               | 15,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     |      | 0            | 1             | 234 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,0900    |      | 14           | 0             | 64 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 954 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,9900    |      | 19           | 0             | 261 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,4800    |      | 10           | 0             | 18 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 484 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,7000     |      | 9            | 0             | 338 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 3170 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 323 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 2324 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 148 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 0             | 315 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     |      | 5            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 23,0000        | P                 | EUR               | 1,8900  | 1,8900 | 1,8900 | 1           | 1,8900 | 1,9300     |      | 2            | 1             | 13 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     |      | 4            | 0             | 78 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 24,0000        | 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                | MT                        | Arcelor Mittal  | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 3425 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 41 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1200     |      | 5            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 30,0000        | C                 | EUR               | 1,8200 | 1,8200 | 1,8200 | 1           | 1,8200 | 1,7700     |      | 2            | 4             | 3624 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     |      | 6            | 0             | 3632 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 5640 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9000     |      | 10           | 0             | 791 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 1453 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5000    |      | 15           | 0             | 240 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8600    |      | 24           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 100 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5500    |      | 22           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3800    |      | 20           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2000    |      | 20           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2100    |      | 19           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 200 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0800    |      | 18           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 100           | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2300    |      | 17           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 90            | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9300    |      | 17           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 132           | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8300    |      | 16           | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 49            | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6800    |      | 15           | 0             | 5 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 147           | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3100    |      | 14           | 0             | 54 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 43            | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5100    |      | 13           | 0             | 20 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 188           | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5800    |      | 12           | 0             | 28 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 15,0000        | P                 | EUR               | 0,4900 | 0,4900 | 0,4900 | 2           | 0,4900 | 0,5000     |      | 1            | 16            | 133 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,2900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4300    |      | 10           | 0             | 23 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 78 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2300    |      | 10           | 0             | 23 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 99 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     |      | 9            | 0             | 83 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 2385 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5300     |      | 9            | 0             | 507 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,6000        | P                 | EUR               | 1,1600 | 1,1600 | 1,1600 | 3           | 1,1600 | 1,1800     |      | 1            | 20            | 401 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4700     |      | 7            | 0             | 66 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5600     |      | 2            | 10            | 1721 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     |      | 7            | 0             | 178 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 0             | 346 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 377 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     |      | 2            | 0             | 596 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 23,2500        | C                 | EUR               | 5,5000 | 5,5000 | 5,4500 | 5           | 5,4500 | 5,4200     |      | 5            | 50            | 1214 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 23,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 931 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 25,0000        | C                 | EUR               | 4,4800 | 4,4800 | 4,4800 | 1           | 4,4800 | 4,4400     |      | 4            | 10            | 2908 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 3601 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 26,0000        | C                 | EUR               | 3,9700 | 3,9700 | 3,9700 | 1           | 3,9700 | 3,9600     |      | 4            | 2             | 211 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 559 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 340 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 27,0000        | P                 | EUR               | 4,5900 | 4,5900 | 4,5900 | 1           | 4,5900 | 4,6800     |      | 5            | 2             | 577 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 283 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 28,0000        | P                 | EUR               | 5,2500 | 5,2500 | 5,2500 | 2           | 5,2500 | 5,2700     |      | 5            | 13            | 174 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 30,0000        | C                 | EUR               | 2,5200 | 2,5200 | 2,5200 | 1           | 2,5200 | 2,4300     |      | 2            | 5             | 1276 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 30,0000        | P                 | EUR               | 6,5500 | 6,5500 | 6,5500 | 7           | 6,5500 | 6,5900     |      | 7            | 66            | 1751 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 34,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 1686 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3800    |      | 10           | 0             | 306 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 812 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9000    |      | 15           | 0             | 120 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 1525 25-7-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 46,5300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,0700    |      | 21           | 0             | 135 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9000     |      | 8            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 15 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 22,0000        | P                 | EUR               | 2,7700 | 2,7700 | 2,7700 | 1           | 2,7700 | 2,8700     |      | 3            | 1             | 3 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5100     |      | 6            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     |      | 4            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     |      | 5            | 0             | 11 25-7-2018       |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     |      | 5            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 170 25-7-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     |      | 6            | 0             | 0 25-7-2018        |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | </   |              |               |                    |



| 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  | 18-12-2020  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3800    | 20   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2000    | 20   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2100    | 19   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 4             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0900    | 18   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2400    | 17   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9600    | 17   | 0            | 1             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 18            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8600    | 16   | 0            | 0             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 76            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7600    | 15   | 0            | 35            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 32            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4600    | 14   | 0            | 67            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 85            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7300    | 13   | 0            | 68            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 13,9500        | P                 | EUR               | 0,7800 | 0,7800 | 0,7800 | 1           | 0,7800 | 0,8000     | 1    | 8            | 460           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8500    | 12   | 0            | 33            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 332           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5500     | 10   | 0            | 20            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 360           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1500     | 9    | 0            | 74            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,6000        | P                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 1           | 1,9500 | 2,0100     | 2    | 1            | 234           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     | 8    | 0            | 67            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 348           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 100           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 45            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 32            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 54            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 23,2500        | C                 | EUR               | 6,4000 | 6,4000 | 6,4000 | 1           | 6,4000 | 6,3400     | 6    | 17           | 83            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 23,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 127           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     | 5    | 0            | 264           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     | 5    | 0            | 367           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     | 5    | 0            | 57            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     | 5    | 0            | 7             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 397           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 8             | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 28,0000        | C                 | EUR               | 4,3000 | 4,3000 | 4,3000 | 1           | 4,3000 | 4,2200     | 4    | 2            | 90            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     | 7    | 0            | 290           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 482           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9700     | 8    | 0            | 113           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 158           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5300    | 13   | 0            | 71            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 1207          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9600    | 16   | 0            | 1223          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 45,0000        | C                 | EUR               | 0,9800 | 0,9800 | 0,9400 | 3           | 0,9400 | 0,9300     | 1    | 15           | 329           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4700    | 20   | 0            | 11            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3300    | 16   | 0            | 30            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 18            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1500    | 12   | 0            | 275           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 542           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1000    | 10   | 0            | 76            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 18,0000        | P                 | EUR               | 2,5200 | 2,5200 | 2,5200 | 1           | 2,5200 | 2,5500     | 3    | 1            | 190           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8400     | 9    | 0            | 100           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 100           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2900     | 8    | 0            | 181           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 74            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7400     | 8    | 0            | 936           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     | 4    | 0            | 255           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 24,0000        | C                 | EUR               | 6,8000 | 6,8000 | 6,8000 | 1           | 6,8000 | 6,7700     | 7    | 1            | 302           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     | 5    | 0            | 151           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3200     | 6    | 0            | 110           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     | 6    | 0            | 90            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9100     | 6    | 0            | 175           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     | 6    | 0            | 80            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 27,0000        | C                 | EUR               | 5,5500 | 5,5500 | 5,5500 | 1           | 5,5500 | 5,5100     | 6    | 2            | 180           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     | 7    | 0            | 99            | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1300     | 5    | 0            | 110           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     | 8    | 0            | 115           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     | 4    | 0            | 477           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0700     | 9    | 0            | 1634          | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 259           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8800    | 17   | 0            | 262           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 45,0000        | C                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,5600     | 2    | 1            | 423           | 25-7-2018          |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,28      |      |              |               |                    |



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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                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 685           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3100    | 12   | 0            | 206           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 5010          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 16,2900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0100    | 10   | 0            | 120           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 1217          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8300     | 8    | 0            | 2576          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 581           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7800     | 6    | 0            | 1237          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 20,9400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     | 1    | 0            | 590           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9800     | 4    | 0            | 4136          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 23,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0600     | 1    | 0            | 1902          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 34,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 1783          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0000     | 9    | 0            | 507           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 1867          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 21-12-2018  | 46,5300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,4400    | 20   | 0            | 2990          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    | 24   | 0            | 7             | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 3876          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5500    | 22   | 0            | 149           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 6175          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3800    | 20   | 0            | 8             | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2100    | 19   | 0            | 726           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 22035         | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0800    | 18   | 0            | 42            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 557           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9300    | 17   | 0            | 1137          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 6716          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8300    | 16   | 0            | 46            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 120           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6800    | 15   | 0            | 1482          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 8717          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5100    | 13   | 0            | 3072          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 5948          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 16,2900        | C                 | EUR               | 10,4000 | 10,4000 | 10,4000 | 1           | 10,4000 | 10,4300    | 10   | 5            | 608           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6900     | 1    | 0            | 774           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5300     | 9    | 0            | 7266          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1800     | 1    | 0            | 1403          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8500     | 7    | 0            | 1648          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8600     | 2    | 0            | 879           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4200     | 5    | 0            | 5351          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 23,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7600     | 3    | 0            | 1733          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 34,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3100     | 1    | 0            | 1682          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3800    | 10   | 0            | 1306          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     | 0    | 0            | 1273          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 20-12-2019  | 46,5300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0700    | 21   | 0            | 985           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    | 24   | 0            | 14            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 198           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5500    | 22   | 0            | 53            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1625          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3800    | 20   | 0            | 2             | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 216           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2100    | 19   | 0            | 198           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 558           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0900    | 18   | 0            | 65            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 546           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9600    | 17   | 0            | 515           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 363           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8600    | 16   | 0            | 130           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 105           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7600    | 15   | 0            | 633           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 206           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7300    | 13   | 0            | 2103          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     | 1    | 0            | 1157          | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1500     | 9    | 0            | 755           | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0100     | 2    | 0            | 33            | 25-7-2018          |
| O                | MTO                       | ARCELORMITTAL OLD   | 18-12-2020  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3400     | 6    | 0            | 1095          | 25-7-2018          |
| O                | MTX                       | ARcelorMittal - OLD | 18-12-2020  | 23,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9300     | 4    | 0            | 282           | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    | 24   | 0            | 0             | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 328           | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5500    | 22   | 0            | 10            | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 625           | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3800    | 20   | 0            | 0             | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 50375         | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2200    | 19   | 0            | 68            | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 45770         | 25-7-2018          |
| O                | MTX                       | ArceIorMittal - OLD | 21-12-2018  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0800    | 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                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5800    |      | 15           | 0                 | 106 25-7-2018      |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0 348 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2300    |      | 14           | 0 10 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0 175 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 13,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7600    |      | 13           | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0 504 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3100    |      | 12           | 0 429 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0 4909 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2600    |      | 11           | 0 561 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0 385 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 16,2900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0100    |      | 10           | 0 485 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0 516 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 16,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8100     |      | 10           | 0 12 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0 10003 25-7-2018 |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8300     |      | 8            | 0 11507 25-7-2018 |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     |      | 0            | 0 2112 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7800     |      | 6            | 0 3261 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 20,9400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     |      | 1            | 0 1575 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9800     |      | 4            | 0 7040 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 23,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0600     |      | 1            | 0 4417 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 25,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5800     |      | 3            | 0 6050 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 25,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9100     |      | 2            | 0 686 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 27,0000        | C                 | EUR               | 1,8600  | 1,8600  | 1,8600  | 1           | 1,8600  | 1,8500     |      | 2            | 198 657 25-7-2018 |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6900     |      | 3            | 0 1190 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8900     |      | 1            | 0 911 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7300     |      | 5            | 0 658 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 34,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     |      | 0            | 0 3064 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0000     |      | 9            | 0 854 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0 7080 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 46,5300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,4400    |      | 20           | 0 2542 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    |      | 24           | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 3876 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,5500    |      | 22           | 0 51 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 6956 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3800    |      | 20           | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 2 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,2000    |      | 20           | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 240 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2100    |      | 19           | 0 138 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0 21977 25-7-2018 |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0800    |      | 18           | 0 17 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0 449 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2300    |      | 17           | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0 0 25-7-2018     |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9300    |      | 17           | 0 800 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0 26813 25-7-2018 |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8300    |      | 16           | 0 89 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0 135 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6800    |      | 15           | 0 1984 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0 9101 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3100    |      | 14           | 0 20 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0 100 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5100    |      | 13           | 0 2759 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     |      | 0            | 0 6465 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5800    |      | 12           | 0 197 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     |      | 1            | 0 43 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,2900        | C                 | EUR               | 10,4000 | 10,4000 | 10,4000 | 1           | 10,4000 | 10,4300    |      | 10           | 5 853 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6900     |      | 1            | 0 850 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2300    |      | 10           | 0 163 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     |      | 1            | 0 74 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0000     |      | 9            | 0 165 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0300     |      | 1            | 0 465 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5300     |      | 9            | 0 7785 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1800     |      | 1            | 0 1726 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8500     |      | 7            | 0 2394 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8600     |      | 2            | 0 1378 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4200     |      | 5            | 0 6038 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 23,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7600     |      | 3            | 0 1677 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5200     |      | 4            | 0 1005 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6800     |      | 5            | 0 225 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4300     |      | 2            | 0 851 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5900     |      | 7            | 0 195 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 34,8900        | C                 | EUR               | 1,3100  | 1,3100  | 1,3000  | 2           | 1,3000  | 1,3100     |      | 1            | 2 5548 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3800    |      | 10           | 0 877 25-7-2018   |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     |      | 0            | 0 2057 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 46,5300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0700    |      | 21           | 0 1284 25-7-2018  |                    |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8600    |      | 24           | 0 17 25-7-2018    |                    |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      |              |                   |                    |



| 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  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 763           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0900    | 18   | 0            | 79            | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 580           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2400    | 17   | 0            | 0             | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 151           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9600    | 17   | 0            | 570           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 410           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8600    | 16   | 0            | 116           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 75            | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7600    | 15   | 0            | 1910          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 954           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4600    | 14   | 0            | 25            | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 106           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7300    | 13   | 0            | 2187          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 1482          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8500    | 12   | 0            | 1473          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 527           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5500     | 10   | 0            | 104           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 317           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1500     | 9    | 0            | 1773          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 877           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     | 8    | 0            | 591           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 1110          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 23,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     | 6    | 0            | 1870          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 23,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 1021          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 27,0000        | C                 | EUR               | 4,6400 | 4,6400 | 4,6400 | 1           | 4,6400 | 4,6100     | 5    | 1            | 670           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 227           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 1603          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9700     | 8    | 0            | 289           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 36,0000        | C                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 2,0500     | 2    | 2            | 1777          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5300    | 13   | 0            | 143           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 378           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4700    | 20   | 0            | 373           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1500    | 12   | 0            | 382           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 439           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1000    | 10   | 0            | 338           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     | 3    | 0            | 479           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2900     | 8    | 0            | 636           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 325           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     | 7    | 0            | 746           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     | 5    | 0            | 142           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5100     | 6    | 0            | 63            | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     | 7    | 0            | 137           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     | 4    | 0            | 676           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0700     | 9    | 0            | 143           | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 1016          | 25-7-2018          |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2800    | 21   | 0            | 704           | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,4606   | 173  | 0            | 0             | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,4008   | 173  | 0            | 0             | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,3529   | 173  | 0            | 0             | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,2452   | 173  | 0            | 0             | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,1129   | 173  | 0            | 0             | 25-7-2018          |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 170,4991   | 170  | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 856,5983   | 8566 | 0            | 0             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 856,3514   | 8562 | 0            | 0             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 855,7955   | 8560 | 0            | 0             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 855,1990   | 8555 | 0            | 0             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 855,8529   | 8551 | 0            | 0             | 25-7-2018          |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 838,8073   | 8382 | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | NA6                       | Novartis - Stock Future                        | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,8837    | 82   | 0            | 0             | 25-7-2018          |
| F                | NA6                       | Novartis - Stock Future                        | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,85      |      |              |               |                    |



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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                | NIB                       | NIBC Holding - Stock Option | 19-10-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 25-7-2018          |
| O                | NIB                       | NIBC Holding - Stock Option | 19-10-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |
| O                | NIB                       | NIBC Holding - Stock Option | 19-10-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,7053   |      | 156          | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,6745   |      | 156          | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,6454   |      | 156          | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,5346   |      | 156          | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,3998   |      | 155          | 0             | 25-7-2018          |
| F                | NK6                       | Sandvik - Stock Future      | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 150,7959   |      | 151          | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8646    |      | 80           | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,8352    |      | 80           | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7915    |      | 80           | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,7225    |      | 80           | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,6391    |      | 80           | 0             | 25-7-2018          |
| F                | NL6                       | Nestle - Stock Future       | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,1285    |      | 77           | 0             | 25-7-2018          |
| F                | NL8                       | Nestle - Dividend Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 25-7-2018          |
| F                | NL8                       | Nestle - Dividend Future    | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 25-7-2018          |
| F                | NL8                       | Nestle - Dividend Future    | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 0             | 25-7-2018          |
| F                | NL8                       | Nestle - Dividend Future    | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 25-7-2018          |
| F                | NL8                       | Nestle - Dividend Future    | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9300     |      | 8            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 54            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     |      | 7            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 11            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9800     |      | 5            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 78            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |      | 4            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 3             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     |      | 3            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 233           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 35,0000        | P                 | EUR               | 0,1700 | 0,2000 | 0,1700 | 2           | 0,2000 | 0,2300     |      | 0            | 10            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 36,0000        | P                 | EUR               | 0,3500 | 0,3800 | 0,3200 | 7           | 0,3800 | 0,4400     |      | 0            | 44            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 37,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,8200 | 5           | 0,8500 | 0,7600     |      | 1            | 22            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 37,0000        | P                 | EUR               | 0,6200 | 0,6500 | 0,6200 | 4           | 0,6200 | 0,8400     |      | 1            | 23            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 38,0000        | C                 | EUR               | 0,3400 | 0,5000 | 0,3400 | 31          | 0,4000 | 0,3700     |      | 0            | 2177          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 38,0000        | P                 | EUR               | 1,1800 | 1,2400 | 1,1800 | 2           | 1,2400 | 1,4500     |      | 1            | 15            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 39,0000        | C                 | EUR               | 0,1200 | 0,2100 | 0,1200 | 17          | 0,2100 | 0,1600     |      | 0            | 246           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0700     |      | 0            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 40,0000        | P                 | EUR               | 2,6800 | 2,6800 | 2,6800 | 1           | 2,6800 | 3,1500     |      | 3            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0800     |      | 7            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0800     |      | 9            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    |      | 11           | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0100     |      | 0            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     |      | 9            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     |      | 0            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9300     |      | 8            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9400     |      | 7            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0900     |      | 0            | 2             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     |      | 4            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     |      | 3            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 34,0000        | P                 | EUR               | 0,3300 | 0,3900 | 0,3300 | 5           | 0,3900 | 0,3800     |      | 0            | 7             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 35,0000        | C                 | EUR               | 2,5500 | 2,5500 | 2,5500 | 1           | 2,5500 | 2,1500     |      | 1            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 36,0000        | C                 | EUR               | 1,4300 | 1,4300 | 1,4300 | 1           | 1,4300 | 1,4000     |      | 1            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 36,0000        | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,9600     |      | 1            | 3             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 37,0000        | C                 | EUR               | 0,9200 | 1,0900 | 0,8800 | 5           | 0,8800 | 0,8300     |      | 1            | 22            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 37,0000        | P                 | EUR               | 1,3300 | 1,3300 | 1,3300 | 1           | 1,3300 | 1,4700     |      | 1            | 10            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 38,0000        | C                 | EUR               | 0,4500 | 0,6200 | 0,4500 | 8           | 0,4600 | 0,4500     |      | 0            | 76            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     |      | 2            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 40,0000        | P                 | EUR               | 3,4200 | 3,4400 | 3,4200 | 2           | 3,4400 | 3,8400     |      | 4            | 10            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 42,0000        | P                 | EUR               | 5,3500 | 5,5500 | 5,3500 | 2           | 5,5500 | 5,7600     |      | 6            | 20            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 44,0000        | P                 | EUR               | 7,4000 | 7,4000 | 7,4000 | 1           | 7,4000 | 7,7300     |      | 8            | 10            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7300     |      | 9            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option    | 21-9-2018   | 50,0000        | P                 | EUR               | 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                | NN                        | NN Group NV - Std Option | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     | 3    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 2             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 5             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 37,0000        | C                 | EUR               | 1,1500  | 1,1500 | 1,0500 | 2           | 1,0500 | 0,9700     | 1    | 6            | 12            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 37,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 38,0000        | C                 | EUR               | 0,6100  | 0,7300 | 0,6100 | 5           | 0,7000 | 0,5900     | 1    | 134          | 125           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 5             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 40,0000        | C                 | EUR               | 0,1900  | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1800     | 0    | 24           | 29            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     | 4    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7900     | 6    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,7500     | 8    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    | 11   | 0            | 14            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 76            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     | 9    | 0            | 25            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 214           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9400     | 7    | 0            | 120           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 637           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 32,0000        | C                 | EUR               | 5,4500  | 5,4500 | 5,4500 | 1           | 5,4500 | 4,9900     | 5    | 1            | 23            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,4400  | 0,4400 | 0,4400 | 1           | 0,4400 | 0,4400     | 0    | 2            | 255           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     | 3    | 0            | 737           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,7500  | 0,8000 | 0,7500 | 13          | 0,7800 | 0,8400     | 1    | 111          | 1659          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 36,0000        | C                 | EUR               | 2,0500  | 2,0500 | 2,0500 | 1           | 2,0500 | 1,8400     | 2    | 1            | 593           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 36,0000        | P                 | EUR               | 1,5000  | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5700     | 2    | 1            | 1165          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 38,0000        | C                 | EUR               | 1,0000  | 1,0800 | 0,9500 | 4           | 0,9500 | 0,9200     | 1    | 10           | 2382          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 38,0000        | P                 | EUR               | 2,4000  | 2,5800 | 2,4000 | 5           | 2,5200 | 2,6800     | 3    | 45           | 799           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,4500  | 0,4600 | 0,4300 | 3           | 0,4300 | 0,4000     | 0    | 4            | 1054          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,1600     | 4    | 0            | 628           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1024          | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     | 6    | 0            | 281           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 554           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,8100     | 9    | 0            | 157           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,7800    | 14   | 0            | 40            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,7800    | 19   | 0            | 40            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    | 11   | 0            | 27            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 12            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     | 9    | 0            | 5             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 63            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     | 7    | 0            | 52            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 241           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 13            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3    | 0            | 211           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 267           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 36,0000        | C                 | EUR               | 2,2100  | 2,2100 | 2,2100 | 1           | 2,2100 | 2,2300     | 2    | 15           | 587           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 36,0000        | P                 | EUR               | 1,8000  | 1,9200 | 1,8000 | 2           | 1,9200 | 2,0000     | 2    | 2            | 568           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 641           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 38,0000        | P                 | EUR               | 2,9800  | 2,9800 | 2,9800 | 1           | 2,9800 | 3,0900     | 3    | 1            | 452           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,7700  | 0,7700 | 0,7700 | 1           | 0,7700 | 0,6900     | 1    | 1            | 733           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     | 4    | 0            | 454           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 139           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 92            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,1600  | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1100     | 0    | 25           | 31            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     | 9    | 0            | 262           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 50,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8200    | 14   | 0            | 25            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,8200    | 19   | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,9300    | 13   | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    | 11   | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 13            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 28,0000        | C                 | EUR               | 9,2500  | 9,2500 | 9,2500 | 1           | 9,2500 | 8,9300     | 9    | 1            | 1             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 73            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     | 7    | 0            | 35            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 789           | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2200     | 5    | 0            | 26            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 30            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     | 4    | 0            | 51            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 96            | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 69            | 25-7-2018          |
| 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                | NN                        | NN Group NV - Std Option          | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option          | 21-6-2019   | 50,0000        | P                 | EUR               | 14,7000 | 14,7000 | 14,7000 | 1           | 14,7000 | 14,8400    | 15   | 1            | 2             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | NN                        | NN Group NV - Std Option          | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,8200    | 20   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,9216    | 37   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,2791    | 36   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,2691    | 36   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,2465    | 36   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,2189    | 36   | 0            | 0             | 25-7-2018          |
| F                | NN6                       | NN Group - Stock Future           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,2449    | 35   | 0            | 0             | 25-7-2018          |
| F                | NN8                       | NN Group - Dividend Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5900     | 2    | 0            | 0             | 25-7-2018          |
| F                | NN8                       | NN Group - Dividend Future        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     | 2    | 0            | 0             | 25-7-2018          |
| F                | NN8                       | NN Group - Dividend Future        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     | 2    | 0            | 0             | 25-7-2018          |
| F                | NN8                       | NN Group - Dividend Future        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     | 2    | 0            | 0             | 25-7-2018          |
| F                | NN8                       | NN Group - Dividend Future        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     | 2    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0649     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0631     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0617     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0586     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0547     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO6                       | Nokia OVI - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8514     | 5    | 0            | 0             | 25-7-2018          |
| F                | NO8                       | Nokia - Dividend                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| F                | NO8                       | Nokia - Dividend                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | NO8                       | Nokia - Dividend                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| F                | NO8                       | Nokia - Dividend                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 0             | 25-7-2018          |
| F                | NO8                       | Nokia - Dividend                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,7619    | 36   | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5495    | 36   | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5397    | 36   | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5177    | 36   | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4905    | 35   | 0            | 0             | 25-7-2018          |
| F                | NR6                       | Nokian Renkaat OVI - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,8679    | 34   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,8646    | 68   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,8412    | 68   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,9725    | 67   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,9309    | 67   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,8798    | 67   | 0            | 0             | 25-7-2018          |
| F                | NS6                       | Neste Oyj - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 65,9359    | 66   | 0            | 0             | 25-7-2018          |
| F                | NS8                       | Neste Oyj - Dividend              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     | 2    | 0            | 0             | 25-7-2018          |
| F                | NS8                       | Neste Oyj - Dividend              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3000     | 1    | 0            | 0             | 25-7-2018          |
| F                | NS8                       | Neste Oyj - Dividend              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     | 1    | 0            | 0             | 25-7-2018          |
| F                | NS8                       | Neste Oyj - Dividend              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     | 1    | 0            | 0             | 25-7-2018          |
| F                | NS8                       | Neste Oyj - Dividend              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0200     | 5    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0600     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0800     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 3            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 33,0000        | P                 | EUR               | 0,1900  | 0,1900  | 0,1900  | 1           | 0,1900  | 0,2200     | 0    | 1            | 11            | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 34,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,5100     | 1    | 1            | 5             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 1             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1500     | 1    | 0            | 3             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 12            | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     | 2    | 0            | 2             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 37,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 13            | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 37,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0100     | 3    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 4             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0100     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0100     | 6    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0100     | 8    | 0            | 100           | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0200     | 8    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0400     | 6    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0600     | 5    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0800     | 4    | 0            | 4             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 2            | 2             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     | 0    | 0            | 60            | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 33,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4600     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 33,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     | 0    | 0            | 11            | 25-7-2018          |
| O                | NSI                       | NSI NV Std Option                 | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8200     | 1    | 0            | 1             | 25-7-2018          |
| 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                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 30            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0200     | 6    | 0            | 15            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0200     | 8    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0300    | 11   | 0            | 11            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0300    | 16   | 0            | 8             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1200     | 5    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 32,0000        | P                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4600     | 0    | 1            | 5             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     | 2    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     | 6    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0400     | 8    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0700     | 8    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     | 6    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 11            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 4             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 38            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 34            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 142           | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 12            | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 1             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     | 6    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    | 11   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0700    | 16   | 0            | 11            | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2450    | 22   | 0            | 0             | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2373    | 22   | 0            | 0             | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2311    | 22   | 0            | 0             | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2173    | 22   | 0            | 0             | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9304    | 22   | 0            | 0             | 25-7-2018          |
| F                | NT6                       | Infineon Technologies AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9158    | 22   | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 334,2063   | 334  | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 334,0796   | 334  | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 333,9799   | 334  | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 333,8005   | 334  | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 328,6316   | 329  | 0            | 0             | 25-7-2018          |
| F                | NV6                       | Novozymes B - Stock Future              | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 328,4700   | 328  | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7244    | 25   | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7159    | 25   | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7090    | 25   | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5937    | 25   | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5749    | 25   | 0            | 0             | 25-7-2018          |
| F                | OC6                       | OCI NV - Stock Future                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5586    | 25   | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     | 6    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7600     | 5    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     | 4    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 1             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 40            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT                         | 17-8-2018   | 22,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     | 2    | 0            | 0             | 25-7-2018          |
| 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 | 17-8-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 10            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 25,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4800     | 0    | 2            | 215           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 25,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7500     | 1    | 10           | 11            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 17            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 3             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 57            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 2             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 24            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     | 3    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7400    | 13   | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7800    | 11   | 0            | 52            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 98            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8900     | 9    | 0            | 101           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 79            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9100     | 8    | 0            | 14            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 46            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     | 7    | 0            | 111           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 148           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     | 6    | 0            | 52            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 161           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     | 5    | 0            | 82            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 141           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 21,0000        | C                 | EUR               | 4,2500 | 4,2500 | 4,0500 | 3           | 4,0500 | 4,0200     | 4    | 23           | 119           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 113           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     | 3    | 0            | 139           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 282           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 22,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 4             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 4             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 202           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 106           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 4             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 171           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 190           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 1             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 11            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 94            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 9             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 1             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 80            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 10            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     | 3    | 0            | 10            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 16            | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     | 4    | 0            | 183           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3000    | 10   | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     | 3    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     | 2    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 19-10-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     | 4    | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8300    | 13   | 0            | 0             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 1             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8700    | 11   | 0            | 128           | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 8             | 25-7-2018          |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     | 9    | 0            | 1             | 25-7-2018          |
| O                | OCI                       |                 |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,1500     | 5    | 0            | 68            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 109           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     | 4    | 0            | 27            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 406           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 116           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 81            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3    | 0            | 133           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 294           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 235           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 155           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 84            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 70            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 66            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     | 3    | 0            | 55            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 85            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     | 4    | 0            | 567           | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 6             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     | 6    | 0            | 12            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,5400    | 11   | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     | 9    | 0            | 0             | 25-7-2018 |
| 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            | 3             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     | 7    | 0            | 2             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     | 5    | 0            | 4             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 12            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 22,0000        | C                 | EUR               | 3,7700  | 3,7700 | 3,7700 | 1           | 3,7700 | 3,7500     | 4    | 3            | 21            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 3             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 7             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 18            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 41            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 20            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 1             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 25,0000        | P                 | EUR               | 2,3500  | 2,3500 | 2,3500 | 2           | 2,3500 | 2,3700     | 2    | 4            | 28            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 38            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 64            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 72            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 28,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 20            | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018 |
| O                | OCI                       | OCI NV STND OPT                        | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,6300    | 11   | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8454     | 3    | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8444     | 3    | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8436     | 3    | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8418     | 3    | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8397     | 3    | 0            | 0             | 25-7-2018 |
| F                | OH6                       | Obrascon Huarte Lain SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8378     | 3    | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 214,6403   | 215  | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 212,9729   | 213  | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 213,2603   | 213  | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 211,9188   | 212  | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 210,8086   | 211  | 0            | 0             | 25-7-2018 |
| F                | OI6                       | Equinor - Stock Future                 | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 210,0951   | 210  | 0            | 0             | 25-7-2018 |
| F                | OI8                       | Equinor - Dividend Future              | 21-12-2018  | 0,0000         |                   | USD               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 25-7-2018 |
| F                | OI8                       | Equinor - Dividend Future              | 20-12-2019  | 0,0000         |                   | USD               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 25-7-2018 |
| F                | OI8                       | Equinor - Dividend Future              | 18-12-2020  | 0,0000         |                   | USD               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 25-7-2018 |
| F                | OI8                       | Equinor - Dividend Future              | 17-12-2021  | 0,0000         |                   | USD               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 25-7-2018 |
| F                | OI8                       | Equinor - Dividend Future              | 16-12-2022  | 0,0000         |                   | USD               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 68,5848    | 69   | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 68,6469    | 69   | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 68,7394    | 69   | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 68,9141    | 69   | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 69,1651    | 69   | 0            | 0             | 25-7-2018 |
| F                | OK6                       | Orkla - Stock Future                   | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 66,7394    | 67   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 46,8294    | 47   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 46,8132    | 47   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 46,8003    | 47   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 46,7712    | 47   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 46,7355    | 47   | 0            | 0             | 25-7-2018 |
| F                | OM6                       | OMV AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 45,1047    | 45   | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 193,8560   | 194  | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 193,7891   | 194  | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 193,7356   | 194  | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 193,6153   | 194  | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 193,4674   | 193  | 0            | 0             | 25-7-2018 |
| F                | ON6                       | Continental AG - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 188,3408   | 188  | 0            | 0             | 25-7-2018 |
| F                | ON8                       | Continental - Dividend Future          | 21-12-2018  | 0,0000         |                   | 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 |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | OO6                       | Sonova Holding - Stock Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 185,3872   | 185  | 0            | 0             | 25-7-2018          |
| F                | OO6                       | Sonova Holding - Stock Future | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 185,1934   | 185  | 0            | 0             | 25-7-2018          |
| F                | OO6                       | Sonova Holding - Stock Future | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 182,0309   | 182  | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 53            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 15            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,8000         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 5           | 0,0200 | 0,0200     | 0    | 100          | 103           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 35            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 1,9000         | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 3           | 0,0400 | 0,0400     | 0    | 20           | 123           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 22            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 195           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,1000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     | 0    | 5            | 13            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 17-8-2018   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 16            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 55            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 302           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 674           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 917           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 2613          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1766          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 1435          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 6665          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,9000         | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1500     | 0    | 23           | 3             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 1,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 2468          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 3235          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 10            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 189           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 16            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 652           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 463           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 11            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-9-2018   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 1,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 3             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 3             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 19-10-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 25            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| 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.  | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 4843          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 4913          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 3073          | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 99            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 2             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 17            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 1             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 145           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 35            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 2             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 7             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 122           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,0000         | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2100     | 0    | 200          | 260           | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 5             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 26            | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 31            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0284     | 7    | 0            | 0             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0260     | 7    | 0            | 0             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0240     | 7    | 0            | 0             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0197     | 7    | 0            | 0             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0143     | 7    | 0            | 0             | 25-7-2018          |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9297     | 7    | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,8595   | 320  | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,7383   | 320  | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,6428   | 320  | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,4713   | 319  | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,3091   | 319  | 0            | 0             | 25-7-2018          |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 314,0544   | 314  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,8501   | 174  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,8157   | 174  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,7832   | 174  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,6595   | 174  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,5089   | 174  | 0            | 0             | 25-7-2018          |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 169,7422   | 170  | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,9073    | 56   | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,8880    | 56   | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,8726    | 56   | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,8379    | 56   | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,7952    | 56   | 0            | 0             | 25-7-2018          |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,7587    | 54   | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,5290   | 248  | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,4799   | 247  | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,4337   | 247  | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,2576   | 247  | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,0432   | 247  | 0            | 0             | 25-7-2018          |
| F                | PC6                       | Atlas Copco A - Stock Future                       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 235,6791   | 236  | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1754,1200  | 1754 | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1738,6000  | 1739 | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1739,4400  | 1739 | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1741,4700  | 1741 | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1744,5500  | 1745 | 0            | 0             | 25-7-2018          |
| F                | PD6                       | Prudential - Stock Future                          | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1710,5600  | 1711 | 0            | 0             | 25-7-2018          |
| F                | PD8                       | Prudential - Dividend Future                       | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,4400    | 43   | 0            | 0             | 25-7-2018          |
| F                | PD8                       | Prudential - Dividend Future                       | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,6100    | 46   | 0            | 0             | 25-7-2018          |
| F                | PD8                       | Prudential - Dividend Future                       | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7000    | 46   | 0            | 0             | 25-7-2018          |
| F                | PD8                       | Prudential - Dividend Future                       | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7000    | 46   | 0            | 0             | 25-7-2018          |
| F                | PD8                       | Prudential - Dividend Future                       | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,7000    | 46   | 0            | 0             | 25-7-2018          |
| F                | PF6                       | Petrofac - Stock Future                            | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 572,0000   | 572  | 0            | 0             | 25-7-2018          |
| F                | PF6                       | Petrofac - Stock Future                            | 21-9-2      |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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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                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6100     | 8    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     | 4    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     | 3    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8400     | 6    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PH9                       | Philips NV Koninklijke - European Stock Option | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2700    | 14   | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 0,8000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,5900     | 1    | 12           | 14            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 5             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 23            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 2             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,3000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,1700     | 0    | 3            | 34            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 11            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 505           | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 22            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 25            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 17-8-2018   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 30            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 10            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,2000         | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,1100     | 0    | 20           | 290           | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 5             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 25            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,4000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,1700     | 0    | 1            | 153           | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,4000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1900     | 0    | 10           | 77            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 211           | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,5000         | P                 | EUR               | 0,2000 | 0,2300 | 0,2000 | 2           | 0,2300 | 0,2500     | 0    | 15           | 15            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,6000         | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 20           | 203           | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 62            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 92            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 23            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 1             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 21-9-2018   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 2             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 20            | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,4000         | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2300     | 0    | 10           | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHA                       | Pharming Group - Stnd Option                   | 19-10-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1200     | 8    | 0            | 6             | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 30,0000        | C                 | EUR               | 6,9500 | 6,9500 | 6,9500 | 1           | 6,9500 | 7,1300     | 7    | 1            | 7             | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 160           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     | 5    | 0            | 89            | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 164           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     | 4    | 0            | 10            | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke                         | 17-8-2018   | 33,0000        | 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 | 17-8-2018   | 37,0000        | P                 | EUR               | 0,8500  | 0,8500  | 0,5600  | 21          | 0,5800  | 0,5800     |      | 1            | 138           | 837 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 38,0000        | C                 | EUR               | 0,1600  | 0,2200  | 0,1500  | 6           | 0,2200  | 0,2500     |      | 0            | 14            | 4237 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 38,0000        | P                 | EUR               | 1,6400  | 1,6400  | 1,1300  | 6           | 1,1500  | 1,1600     |      | 1            | 26            | 510 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 39,0000        | C                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 2           | 0,0700  | 0,0700     |      | 0            | 20            | 20 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 39,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9800     |      | 2            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0300  | 0,0300  | 0,0200  | 5           | 0,0200  | 0,0200     |      | 0            | 50            | 726 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9300     |      | 3            | 0             | 26 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 38            | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9200     |      | 5            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9100     |      | 7            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1300    |      | 13           | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 1210          | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1400    |      | 11           | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 546           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1400     |      | 9            | 0             | 75 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 819           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1400     |      | 8            | 0             | 2 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 696           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 30,0000        | C                 | EUR               | 7,0200  | 7,0300  | 7,0200  | 2           | 7,0300  | 7,1400     |      | 7            | 10            | 480 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 2           | 0,0700  | 0,0700     |      | 0            | 37            | 1868 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2200     |      | 5            | 0             | 311 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 2271          | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 34,0000        | C                 | EUR               | 3,2200  | 3,3400  | 3,2200  | 3           | 3,3400  | 3,3400     |      | 3            | 47            | 3207 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 34,0000        | P                 | EUR               | 0,2700  | 0,2700  | 0,2700  | 1           | 0,2700  | 0,2500     |      | 0            | 4             | 3083 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4700     |      | 2            | 0             | 178 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 35,0000        | P                 | EUR               | 0,5100  | 0,5100  | 0,3900  | 15          | 0,3900  | 0,3900     |      | 0            | 76            | 821 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 36,0000        | C                 | EUR               | 1,4900  | 1,6500  | 1,4300  | 10          | 1,6500  | 1,7100     |      | 2            | 188           | 2628 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 36,0000        | P                 | EUR               | 0,7400  | 0,7400  | 0,6800  | 15          | 0,6800  | 0,6300     |      | 1            | 229           | 4178 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 37,0000        | C                 | EUR               | 0,7700  | 0,9500  | 0,7700  | 6           | 0,8800  | 1,0700     |      | 1            | 171           | 1311 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 37,0000        | P                 | EUR               | 1,2500  | 1,2500  | 1,0700  | 7           | 1,0700  | 0,9900     |      | 1            | 94            | 639 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 38,0000        | C                 | EUR               | 0,4500  | 0,6000  | 0,4200  | 7           | 0,6000  | 0,6000     |      | 1            | 15            | 5493 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 38,0000        | P                 | EUR               | 1,9000  | 1,9000  | 1,9000  | 1           | 1,9000  | 1,5200     |      | 2            | 1             | 863 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 2308          | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 40,0000        | P                 | EUR               | 3,6400  | 3,6400  | 3,6400  | 1           | 3,6400  | 3,0700     |      | 3            | 1             | 205 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 254 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9700     |      | 5            | 0             | 2 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     |      | 7            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 4 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     |      | 8            | 0             | 202 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9300    |      | 13           | 0             | 447 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1900     |      | 8            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1900     |      | 7            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 30,0000        | P                 | EUR               | 0,1200  | 0,1200  | 0,1200  | 1           | 0,1200  | 0,1200     |      | 0            | 6             | 7 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2900     |      | 5            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     |      | 0            | 0             | 182 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     |      | 3            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 34,0000        | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,4100     |      | 0            | 1             | 447 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6600     |      | 3            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 35,0000        | P                 | EUR               | 0,7300  | 0,7300  | 0,7300  | 1           | 0,7300  | 0,5900     |      | 1            | 192           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9300     |      | 2            | 0             | 48 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8600     |      | 1            | 0             | 48 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 37,0000        | C                 | EUR               | 1,1000  | 1,2900  | 1,1000  | 4           | 1,2900  | 1,3200     |      | 1            | 11            | 19 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 37,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2500     |      | 1            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     |      | 1            | 0             | 75 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7700     |      | 2            | 0             | 12 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2300     |      | 3            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0600     |      | 5            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     |      | 7            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1000    |      | 27           | 0             | 0 25-7-2018        |
| 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 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1100    |      | 22           | 0             | 700 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 817 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,1300    |      | 19           | 0             | 50 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 787 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1400    |      | 17           | 0             | 83 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 1           | 0,0400  | 0,0400     |      | 0            | 2             | 1432 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1600    |      | 15           | 0             | 77 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 2199 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 24,0000        | C                 | EUR               | 13,0500 | 13,0500 | 13,0500 | 1           | 13,0500 | 13,1700    |      | 13           | 16            | 61 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 24,0000        | 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                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 30,0000        | C                 | EUR               | 7,2200  | 7,3000  | 7,2200  | 3           | 7,3000  | 7,3400     | 7    | 12           | 670           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 30,0000        | P                 | EUR               | 0,3000  | 0,3000  | 0,2800  | 3           | 0,2800  | 0,2800     | 0    | 3            | 6443          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 32,0000        | C                 | EUR               | 5,4000  | 5,5500  | 5,4000  | 2           | 5,5500  | 5,5400     | 6    | 2            | 3400          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 32,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,4700     | 0    | 2            | 7164          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 34,0000        | C                 | EUR               | 3,4100  | 3,8800  | 3,4100  | 4           | 3,8800  | 3,8700     | 4    | 5            | 1563          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 34,0000        | P                 | EUR               | 0,8100  | 0,8100  | 0,8100  | 1           | 0,8100  | 0,8200     | 1    | 2            | 8402          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 35,0000        | C                 | EUR               | 2,7000  | 2,9900  | 2,7000  | 2           | 2,9900  | 3,1200     | 3    | 3            | 7933          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 35,0000        | P                 | EUR               | 1,1800  | 1,1900  | 1,0800  | 4           | 1,0800  | 1,0700     | 1    | 6            | 4339          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 36,0000        | C                 | EUR               | 2,0900  | 2,4000  | 2,0900  | 4           | 2,4000  | 2,4600     | 2    | 10           | 2871          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 36,0000        | P                 | EUR               | 1,6200  | 1,6200  | 1,4200  | 2           | 1,4200  | 1,4000     | 1    | 11           | 1115          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 38,0000        | C                 | EUR               | 1,1900  | 1,3000  | 1,1900  | 3           | 1,3000  | 1,3900     | 1    | 5            | 5337          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 38,0000        | P                 | EUR               | 2,5400  | 2,5400  | 2,5400  | 1           | 2,5400  | 2,3400     | 2    | 459          | 2             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 40,0000        | C                 | EUR               | 0,6400  | 0,7000  | 0,6400  | 9           | 0,7000  | 0,7000     | 1    | 38           | 13218         | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 40,0000        | P                 | EUR               | 3,8200  | 3,8200  | 3,6500  | 3           | 3,6500  | 3,6600     | 4    | 11           | 1264          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 199           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 8    | 0            | 75            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 556           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 50,0000        | P                 | EUR               | 13,2500 | 13,2500 | 13,2500 | 1           | 13,2500 | 13,0100    | 13   | 1            | 431           | 25-7-2018          |           |
| 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             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0100    | 18   | 0            | 0             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1900    | 13   | 0            | 212           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 138           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2400    | 11   | 0            | 11            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 210           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3400     | 9    | 0            | 10            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 193           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4400     | 8    | 0            | 2             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3800     | 0    | 0            | 127           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5400     | 8    | 0            | 576           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     | 0    | 0            | 169           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7900     | 6    | 0            | 421           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 32,0000        | P                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 1           | 0,8000  | 0,7600     | 1    | 3            | 606           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 34,0000        | C                 | EUR               | 4,2000  | 4,2000  | 4,2000  | 1           | 4,2000  | 4,2400     | 4    | 2            | 310           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 829           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     | 3    | 0            | 283           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 36,0000        | P                 | EUR               | 2,0600  | 2,0600  | 1,9000  | 5           | 1,9000  | 1,8800     | 2    | 42           | 423           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8700     | 2    | 0            | 450           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 38,0000        | P                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 2,8400     | 1    | 0            | 127           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1100     | 1    | 0            | 283           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1000     | 4    | 0            | 132           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 189           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2600     | 8    | 0            | 142           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 104           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,0800    | 13   | 0            | 248           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0600    | 18   | 0            | 12            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2700    | 12   | 0            | 125           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 1963          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3200    | 11   | 0            | 80            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     | 0    | 0            | 13            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4400     | 9    | 0            | 0             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     | 1    | 0            | 2606          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6400     | 8    | 0            | 676           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 30,0000        | P                 | EUR               | 0,9000  | 0,9000  | 0,8800  | 2           | 0,8800  | 0,8400     | 1    | 5            | 1330          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5100     | 5    | 0            | 12            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8700     | 2    | 0            | 180           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 35,0000        | C                 | EUR               | 3,4900  | 3,4900  | 3,4900  | 1           | 3,4900  | 3,8600     | 4    | 1            | 775           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 35,0000        | P                 | EUR               | 2,2600  | 2,2600  | 2,2600  | 1           | 2,2600  | 2,2600     | 2    | 10           | 1744          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 36,0000        | C                 | EUR               | 3,1300  | 3,1300  | 3,1300  | 1           | 3,1300  | 3,2400     | 3    | 8            | 91            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7200     | 3    | 0            | 21            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 38,0000        | C                 | EUR               | 2,1200  | 2,1200  | 2,1200  | 1           | 2,1200  | 2,2200     | 2    | 2            | 292           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7800     | 4    | 15           | 0             | 15                 | 25-7-2018 |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 40,0000        | C                 | EUR               | 1,4600  | 1,4600  | 1,4600  | 1           | 1,4600  | 1,4600     | 1    | 10           | 1062          | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1100     | 5    | 0            | 201           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     | 0    | 0            | 292           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 45,0000        | P                 | EUR               | 9,5500  | 9,5500  | 9,5500  | 1           | 9,5500  | 9,2300     | 9    | 1            | 2             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 313           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9800    | 14   | 0            | 110           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8800    | 19   | 0            | 80            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1000    | 27   | 0            | 2             | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 285           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1000    | 22   | 0            | 20            | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 779           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1700    | 17   | 0            | 112           | 25-7-2018          |           |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 2272          | 25-7-2018          |           |
| O                | PHI                       | Phil                   |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |           |



| 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 | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 1929 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9200     |      | 8            | 0             | 2313 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 30,0000        | P                 | EUR               | 1,4200 | 1,4200 | 1,4200 | 1           | 1,4200 | 1,3600     |      | 1            | 1             | 4434 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 5864 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 35,0000        | P                 | EUR               | 3,2000 | 3,2000 | 3,1100 | 6           | 3,1100 | 3,0600     |      | 3            | 29            | 1900 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 1104 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 40,0000        | P                 | EUR               | 5,9900 | 5,9900 | 5,9900 | 1           | 5,9900 | 5,8900     |      | 6            | 6             | 291 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 101 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2800    |      | 14           | 0             | 108 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3700    |      | 12           | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 17 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1300     |      | 8            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 28 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7700     |      | 5            | 0             | 5 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     |      | 4            | 0             | 7 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     |      | 3            | 0             | 32 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9800     |      | 7            | 0             | 2 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3100    |      | 15           | 0             | 0 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1200    |      | 27           | 0             | 1 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 158           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1400    |      | 22           | 0             | 3 25-7-2018        |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 195           | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1900    |      | 17           | 0             | 65 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 2414          | 25-7-2018          |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2700    |      | 15           | 0             | 22 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 1219 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3900    |      | 13           | 0             | 56 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 682 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4700    |      | 12           | 0             | 63 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 2146 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5700    |      | 12           | 0             | 310 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 1095 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8700     |      | 10           | 0             | 255 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 0             | 253 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3200     |      | 8            | 0             | 978 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 296 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1200     |      | 5            | 0             | 238 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 35,0000        | P                 | EUR               | 4,5300 | 4,5300 | 4,5300 | 1           | 4,5300 | 4,4400     |      | 4            | 1             | 284 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 618 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4500     |      | 7            | 0             | 252 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 50,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,8800 | 1           | 0,8800 | 0,8900     |      | 1            | 2             | 296 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5600    |      | 16           | 0             | 119 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1400    |      | 22           | 0             | 36 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 15,0000        | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 2           | 0,2600 | 0,2500     |      | 0            | 23            | 270 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1900    |      | 17           | 0             | 195 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 465 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5700    |      | 13           | 0             | 251 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 25,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,6900     |      | 2            | 1             | 232 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7200    |      | 12           | 0             | 173 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 168 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1200    |      | 10           | 0             | 239 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 28,0000        | P                 | EUR               | 2,6500 | 2,6500 | 2,6500 | 1           | 2,6500 | 2,5600     |      | 3            | 1             | 2179 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6400     |      | 9            | 0             | 637 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 30,0000        | P                 | EUR               | 3,3600 | 3,3600 | 3,3600 | 1           | 3,3600 | 3,2900     |      | 3            | 3             | 401 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     |      | 7            | 0             | 736 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 32,0000        | P                 | EUR               | 4,3300 | 4,3300 | 4,3300 | 1           | 4,3300 | 4,1200     |      | 4            | 3             | 2133 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     |      | 6            | 0             | 455 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6300     |      | 6            | 0             | 533 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 40,0000        | C                 | EUR               | 3,4100 | 3,4100 | 3,4100 | 1           | 3,4100 | 3,6500     |      | 4            | 3             | 685 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7800     |      | 9            | 0             | 360 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 254 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7100    |      | 17           | 0             | 129 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2400    |      | 17           | 0             | 40 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 20,0000        | P                 | EUR               | 1,0600 | 1,0600 | 1,0600 | 1           | 1,0600 | 1,0400     |      | 1            | 10            | 330 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5900    |      | 14           | 0             | 30 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 192 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7200    |      | 13           | 0             | 131 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 25,0000        | P                 | EUR               | 2,2900 | 2,3000 | 2,2900 | 2           | 2,3000 | 2,2400     |      | 2            | 14            | 272 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9900     |      | 9            | 0             | 270 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 30,0000        | P                 | EUR               | 4,2300 | 4,2300 | 4,1400 | 2           | 4,1400 | 4,1500     |      | 4            | 8             | 530 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 694 25-7-2018      |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 35,0000        | P                 | EUR               | 6,8000 | 6,8000 | 6,5500 | 2           | 6,5500 | 6,6500     |      | 7            | 5             | 2518 25-7-2018     |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7500     |      | 6            | 0             | 79 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 36,0000        | P                 | EUR               | 7,3000 | 7,3000 | 7,3000 | 1           | 7,3000 | 7,2300     |      | 7            | 1             | 38 25-7-2018       |
| O                | PHI                       | Philips NV Koninklijke | 16-12-2022  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     |      | 4            | 0             | 305 25-7-2018      |
|                  |                           |                        |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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 | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 9 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9500     |      | 3            | 0             | 27 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,1000     |      | 0            | 5             | 124 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 727 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 206 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 20,5000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,6500     |      | 2            | 1             | 21 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 20,5000        | P                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 1           | 0,2700 | 0,3000     |      | 0            | 50            | 50 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 21,0000        | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2800     |      | 1            | 100           | 372 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 21,0000        | P                 | EUR               | 0,3700 | 0,4000 | 0,3700 | 5           | 0,4000 | 0,4300     |      | 0            | 43            | 308 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 21,5000        | C                 | EUR               | 1,0000 | 1,0100 | 1,0000 | 2           | 1,0100 | 0,9700     |      | 1            | 2             | 25 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 21,5000        | P                 | EUR               | 0,5500 | 0,6000 | 0,5200 | 5           | 0,6000 | 0,6100     |      | 1            | 5             | 158 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 200 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 22,0000        | P                 | EUR               | 0,7300 | 0,8500 | 0,7200 | 8           | 0,8500 | 0,8500     |      | 1            | 22            | 666 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 22,5000        | C                 | EUR               | 0,5800 | 0,5800 | 0,5000 | 2           | 0,5000 | 0,5000     |      | 1            | 26            | 123 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 22,5000        | P                 | EUR               | 1,0900 | 1,0900 | 1,0900 | 1           | 1,0900 | 1,1400     |      | 1            | 3             | 147 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 23,0000        | C                 | EUR               | 0,4200 | 0,4200 | 0,3300 | 8           | 0,3500 | 0,3300     |      | 0            | 9             | 102 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 872 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 2621 25-7-2018     |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 84 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 24,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1400     |      | 0            | 1             | 200 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 150 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 333 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     |      | 3            | 0             | 143 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 119 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 134 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 58 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 58 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 45 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1600     |      | 4            | 0             | 20 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 35 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1500     |      | 5            | 0             | 13 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1500     |      | 6            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1500     |      | 7            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     |      | 4            | 0             | 3 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 6 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 21 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 20,0000        | C                 | EUR               | 2,3400 | 2,3400 | 2,2500 | 2           | 2,2500 | 2,2200     |      | 2            | 60            | 277 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 192 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 21,0000        | C                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,5200     |      | 2            | 2             | 7 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 20 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 38 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 22,0000        | C                 | EUR               | 1,0900 | 1,0900 | 0,9600 | 2           | 0,9600 | 0,9600     |      | 1            | 3             | 40 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 800 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 22,5000        | C                 | EUR               | 0,7900 | 0,7900 | 0,7500 | 4           | 0,7500 | 0,7400     |      | 1            | 6             | 18 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 72 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 23,0000        | C                 | EUR               | 0,6200 | 0,6200 | 0,6200 | 1           | 0,6200 | 0,5600     |      | 1            | 1             | 106 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 100 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 74 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 160 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 47 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 0             | 416 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 9 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 89 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 94 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 95 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 1 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 23 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 1885 25-7-2018     |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     |      | 4            | 0             | 840 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     |      | 5            | 0             | 23 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 35 25-7-2018       |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     |      | 5            | 0             | 241 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 380 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 369 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 123 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1600     |      | 7            | 0             | 179 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 270 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     |      | 8            | 0             | 250 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 103 25-7-2018      |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 32,0000        | 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                | PLT                       | Signify - Stock Option | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1600    | 18   | 0            | 16            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 9             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,1700    | 23   | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,1700    | 28   | 0            | 20            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9900     | 4    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 18,0000        | P                 | EUR               | 0,1300  | 0,1300  | 0,1300  | 1           | 0,1300  | 0,1400     | 0    | 2            | 2             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1200     | 3    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3400     | 2    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 20,0000        | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,4900     | 0    | 2            | 2             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     | 2    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8100     | 1    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 21,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3600     | 1    | 0            | 1             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 21,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     | 1    | 0            | 10            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     | 1    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2800     | 1    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 22,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     | 1    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 22,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5600     | 2    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     | 1    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8700     | 2    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5700     | 3    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 19-10-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4000     | 3    | 0            | 10            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8800     | 8    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 3            | 3             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9600     | 6    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 13            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1700     | 4    | 0            | 12            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,3300  | 0,3600  | 0,3300  | 2           | 0,3600  | 0,3300     | 0    | 5            | 97            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6200     | 3    | 0            | 36            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,7400  | 0,7500  | 0,7400  | 3           | 0,7500  | 0,7800     | 1    | 8            | 208           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 1           | 2,1000  | 1,9800     | 2    | 3            | 8             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1500     | 1    | 0            | 32            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     | 1    | 0            | 122           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     | 2    | 0            | 650           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 1,0200     | 1    | 10           | 97            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1900     | 2    | 0            | 335           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     | 1    | 0            | 135           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5200     | 3    | 0            | 73            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,7700  | 0,7700  | 0,7100  | 2           | 0,7100  | 0,7100     | 1    | 5            | 441           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 2,7800  | 2,7800  | 2,7800  | 1           | 2,7800  | 2,8900     | 1    | 1            | 616           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 103           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,5000        | P                 | EUR               | 3,1100  | 3,1100  | 3,1100  | 1           | 3,1100  | 3,2600     | 3    | 10           | 27            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     | 0    | 0            | 487           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6600     | 4    | 0            | 267           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 14            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0800     | 4    | 0            | 54            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 278           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 4,4800  | 4,4800  | 4,4800  | 1           | 4,4800  | 4,5000     | 5    | 1            | 441           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,5000        | C                 | EUR               | 0,2600  | 0,2600  | 0,2600  | 1           | 0,2600  | 0,2700     | 0    | 1            | 211           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9500     | 5    | 0            | 19            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 474           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4000     | 5    | 0            | 387           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,1700  | 0,1700  | 0,1700  | 2           | 0,1700  | 0,1700     | 0    | 51           | 894           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3500     | 6    | 0            | 469           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 300           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2800     | 7    | 0            | 151           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 258           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 8,2000  | 8,2000  | 8,2000  | 1           | 8,2000  | 8,2500     | 8    | 1            | 297           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 131           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2100    | 10   | 0            | 155           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 100           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 34,0000        | P                 | EUR               | 12,1500 | 12,1500 | 12,1500 | 1           | 12,1500 | 12,2000    | 12   | 1            | 15            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,2000    | 18   | 0            | 23            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,2100    | 23   | 0            | 20            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9400     | 8    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0900     | 6    | 0            | 0             | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 35            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3800     | 4    | 0            | 10            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     | 1    | 0            | 38            | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 3,0700  | 3,0700  | 2,9500  | 3           | 2,9500  | 2,9300     | 3    | 25           | 207           | 25-7-2018          |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 1,0400  | 1,0500  | 1,0400  | 2           | 1,0500  | 1,1100     | 1    | 4            | 1050          | 25-7-2018          |
|                  |                           |                        |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| 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      | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 233 25-7-2018      |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 230 25-7-2018      |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 34 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 26,0000        | P                 | EUR               | 4,6700 | 4,6700 | 4,6700 | 1           | 4,6700 | 4,7800     |      | 5            | 1             | 13 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 28,0000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3200     |      | 0            | 5             | 77 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     |      | 7            | 0             | 24 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 49 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3700     |      | 8            | 0             | 22 25-7-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2400    |      | 13           | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6209     |      | 3            | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     |      | 3            | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6193     |      | 3            | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6177     |      | 3            | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6157     |      | 3            | 0             | 0 25-7-2018        |
| F                | PM6                       | Banco BPM - Stock Future    | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5640     |      | 3            | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2453     |      | 3            | 0             | 0 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2441     |      | 3            | 0             | 0 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2432     |      | 3            | 0             | 0 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2412     |      | 3            | 0             | 0 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2388     |      | 3            | 0             | 0 25-7-2018        |
| F                | PN6                       | Postnl NV - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1217     |      | 3            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 6             | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 22            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 25            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 40 25-7-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 125           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 257           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 2,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 613           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,0000         | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3200     |      | 0            | 1             | 565 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,0000         | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 2           | 0,0400 | 0,0500     |      | 0            | 10            | 873 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 123           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 719           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 738           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 3708          | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,3000         | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1200     |      | 0            | 1             | 1445 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 1663          | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,4000         | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 6           | 0,0800 | 0,0700     |      | 0            | 400           | 1109 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 1384 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,5000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0500     |      | 0            | 100           | 1615 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 305 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 330           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 66            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 13            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 100 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 20            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 25 25-7-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 17-8-2018   | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 31 25-7-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 50            | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 4 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 4 25-7-2018        |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 26 25-7-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 219           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 557 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 131           | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 17 25-7-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 151 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 4623          | 25-7-2018          |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,0000         | P                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     |      | 0            | 5             | 3569 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 393 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 1155 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 2384 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 2061 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 372 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,3000         | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1900     |      | 0            | 1             | 367 25-7-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 21-9-2018   | 3,4000         | 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 Date |           |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|-----------|-----------|
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2062          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 1021          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 396           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 829           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1132          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 1227          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 392           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 705           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 527           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-9-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 56            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 1             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 20            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 2             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 3             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 19-10-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 1,5000         | C                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 2           | 1,8000 | 1,8000     | 2    | 50           | 50            | 25-7-2018 |           |
| 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             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 320           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 57            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 7             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 19            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,5000         | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8000     | 1    | 502          | 3             | 502       | 25-7-2018 |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0300     | 0    | 1            | 80            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,6000         | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7000     | 1    | 250          | 1566          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 50            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,8000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5300     | 1    | 8            | 650           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 1439          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,0000         | C                 | EUR               | 0,3800 | 0,3800 | 0,3700 | 2           | 0,3700 | 0,3800     | 0    | 50           | 9382          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 6573          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 3937          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 3524          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,4000         | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 2           | 0,1800 | 0,1700     | 0    | 200          | 5405          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 3541          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,5000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 2           | 0,1400 | 0,1400     | 0    | 255          | 7041          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,5000         | P                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,4000     | 0    | 50           | 9016          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 642           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 1369          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 2311          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 3440          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 6167          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 4987          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 435           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 688           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 174           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 148           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1769          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,5000         | P                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 1           | 1,2500 | 1,2800     | 1    | 0            | 2064          | 25-7-2018 |           |
| 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            | 2682          | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     | 2    | 0            | 747           | 25-7-2018 |           |
| 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           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3    | 0            | 972           | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 1             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 17            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 68            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 12            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,6000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7200     | 1    | 3            | 23            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 20            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 23            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 77            | 25-7-2018 |           |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,0000         | 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 Date     |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|---------------|
| O                | PNL                       | PostNL N.V Stnd Option                | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 814 25-7-2018 |
| O                | PNL                       | PostNL N.V Stnd Option                | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 20 25-7-2018  |
| O                | PNL                       | PostNL N.V Stnd Option                | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 129           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 15-3-2019   | 5,0000         | P                 | EUR               | 1,7000  | 1,7000 | 1,7000 | 1           | 1,7000 | 1,7800     | 2    | 1            | 1             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 2,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 2342          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 21            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 556           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 2,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 120           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,0000         | C                 | EUR               | 0,4500  | 0,4600 | 0,4500 | 4           | 0,4600 | 0,4600     | 0    | 4            | 7581          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 5177          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 507           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,2000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 2             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,4000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 59            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 165           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,5000         | C                 | EUR               | 0,2400  | 0,2400 | 0,2200 | 3           | 0,2300 | 0,2200     | 0    | 29           | 5178          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 4662          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 14            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 4158          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 2183          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0600  | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     | 0    | 1            | 752           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 819           | 25-7-2018     |
| 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          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 220           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 89            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 3090          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 1,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 213           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 1,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 4             | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 851           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 2,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 93            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 2,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 3005          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 2,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 539           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 3,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 7485          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 3,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 4639          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 3,5000         | C                 | EUR               | 0,33000 | 0,3300 | 0,2900 | 3           | 0,2900 | 0,2800     | 0    | 35           | 5808          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 3,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 2041          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 4,0000         | C                 | EUR               | 0,1900  | 0,1900 | 0,1900 | 2           | 0,1900 | 0,1700     | 0    | 5            | 4836          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 3152          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 4,5000         | C                 | EUR               | 0,1200  | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1000     | 0    | 100          | 356           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 563           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 36            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 632           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 100           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 2633          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 580           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 2,0000         | P                 | EUR               | 0,1400  | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     | 0    | 5            | 101           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 2,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 61            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 2,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 26            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 3,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 2193          | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 54            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 3,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 233           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 3,5000         | P                 | EUR               | 0,8000  | 0,8000 | 0,8000 | 1           | 0,8000 | 0,8400     | 1    | 1            | 246           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 172           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 74            | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 120           | 25-7-2018     |
| O                | PNL                       | PostNL N.V Stnd Option                | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 285           | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 17-8-2018   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 759,6634   |      | 760          | 0             | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 21-9-2018   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 759,3836   |      | 759          | 0             | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 19-10-2018  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 758,9676   |      | 759          | 0             | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 758,3114   |      | 758          | 0             | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 757,5186   |      | 758          | 0             | 25-7-2018     |
| F                | PP6                       | Partners Group Holding - Stock Future | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 736,4563   |      | 736          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 902,4200   |      | 902          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 902,9300   |      | 903          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 903,3700   |      | 903          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 904,4200   |      | 904          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 906,0200   |      | 906          | 0             | 25-7-2018     |
| F                | PR6                       | Pearson - Stock Future                | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 896,1200   |      | 896          | 0             | 25-7-2018     |
| F                | PR8                       | Pearson - Dividend Future             | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 26,0000    |      | 26           | 0             | 25-7-2018     |
| F                | PR8                       | Pearson - Dividend Future             | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 28,0000    |      | 28           | 0             | 25-7-2018     |
| F                | PR8                       | Pearson - Dividend Future             | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    |      | 29           | 0             | 25-7-2018     |
| F                | PR8                       | Pearson - Dividend Future             | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    |      | 29           | 0             | 25-7-2018     |
| F                | PR8                       | Pearson - Dividend Future             | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    |      | 29           | 0             | 25-7-2018     |



| 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                | PT6                       | Petroleum Geo-Services - Stock Future   | 21-12-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8279    | 44   | 0            | 0             | 25-7-2018          |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 15-3-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,9875    | 44   | 0            | 0             | 25-7-2018          |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 21-6-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,2309    | 44   | 0            | 0             | 25-7-2018          |
| F                | PV8                       | BPER Banca - Dividend Future            | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| F                | PV8                       | BPER Banca - Dividend Future            | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| F                | PV8                       | BPER Banca - Dividend Future            | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| F                | PV8                       | BPER Banca - Dividend Future            | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | PV8                       | BPER Banca - Dividend Future            | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0352    | 22   | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0276    | 22   | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0215    | 22   | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0079    | 22   | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9910    | 22   | 0            | 0             | 25-7-2018          |
| F                | PY6                       | Prysmian SpA - Stock Future             | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4766    | 21   | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 634,8200   | 635  | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 626,4300   | 626  | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 626,7300   | 627  | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 627,4600   | 627  | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 628,5700   | 629  | 0            | 0             | 25-7-2018          |
| F                | QA6                       | John Wood Group - Stock Future          | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 630,0400   | 630  | 0            | 0             | 25-7-2018          |
| F                | QB6                       | Shire - Stock Future                    | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4349,7700  | 4350 | 0            | 0             | 25-7-2018          |
| F                | QB6                       | Shire - Stock Future                    | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4356,9500  | 4357 | 0            | 0             | 25-7-2018          |
| F                | QB6                       | Shire - Stock Future                    | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4340,1700  | 4340 | 0            | 0             | 25-7-2018          |
| F                | QB8                       | Shire - Dividend Future                 | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    | 25   | 0            | 0             | 25-7-2018          |
| F                | QB8                       | Shire - Dividend Future                 | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    | 25   | 0            | 0             | 25-7-2018          |
| F                | QB8                       | Shire - Dividend Future                 | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    | 25   | 0            | 0             | 25-7-2018          |
| F                | QB8                       | Shire - Dividend Future                 | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    | 25   | 0            | 0             | 25-7-2018          |
| F                | QB8                       | Shire - Dividend Future                 | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    | 25   | 0            | 0             | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6620     | 5    | 0            | 25            | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6604     | 5    | 0            | 0             | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6591     | 5    | 0            | 0             | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6562     | 5    | 0            | 0             | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5127     | 5    | 0            | 0             | 25-7-2018          |
| F                | QC6                       | Enel SpA - Stock Future                 | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5097     | 5    | 0            | 0             | 25-7-2018          |
| F                | QC8                       | ENEL - Dividend Future                  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2370     | 0    | 0            | 0             | 25-7-2018          |
| F                | QC8                       | ENEL - Dividend Future                  | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 25-7-2018          |
| F                | QC8                       | ENEL - Dividend Future                  | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| F                | QC8                       | ENEL - Dividend Future                  | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| F                | QC8                       | ENEL - Dividend Future                  | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2245    | 16   | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2189    | 16   | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8045    | 16   | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7947    | 16   | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7826    | 16   | 0            | 0             | 25-7-2018          |
| F                | QD6                       | ENI SpA - Stock Future                  | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3572    | 15   | 0            | 0             | 25-7-2018          |
| F                | QD8                       | ENI - Dividend Future                   | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | QD8                       | ENI - Dividend Future                   | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | QD8                       | ENI - Dividend Future                   | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | QD8                       | ENI - Dividend Future                   | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | QD8                       | ENI - Dividend Future                   | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | QE8                       | Snam ex-event package - Dividend Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2571     | 0    | 690          | 0             | 25-7-2018          |
| F                | QE8                       | Snam ex-event package - Dividend Future | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 200          | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6144    | 26   | 0            | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6056    | 26   | 0            | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5985    | 26   | 0            | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8928    | 25   | 0            | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8738    | 25   | 0            | 0             | 25-7-2018          |
| F                | QF6                       | Atlantia SpA - Stock Future             | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,0075    | 24   | 0            | 0             | 25-7-2018          |
| F                | QF8                       | Atlantia - Dividend Future              | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1295     | 1    | 0            | 0             | 25-7-2018          |
| F                | QF8                       | Atlantia - Dividend Future              | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2395     | 1    | 0            | 0             | 25-7-2018          |
| F                | QF8                       | Atlantia - Dividend Future              | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3540     | 1    | 0            | 0             | 25-7-2018          |
| F                | QF8                       | Atlantia - Dividend Future              | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3540     | 1    | 0            | 0             | 25-7-2018          |
| F                | QF8                       | Atlantia - Dividend Future              | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3540     | 1    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1971     | 4    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1956     | 4    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1945     | 4    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1919     | 4    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1887     | 4    | 0            | 0             | 25-7-2018          |
| F                | QG6                       | Saipem SpA - Stock Future               | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1859     | 4    | 0            | 0             | 25-7-2018          |
| F                | QH6                       | Andritz AG - Stock Future               | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,0289    | 49   | 0            | 0             | 25-7-2018          |
| F                | QH6                       | Andritz AG - Stock Future               | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,0120    | 49   | 0            | 0             | 25-7-2018          |
| F                | QH6                       | Andritz AG - Stock Future               | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,9984    | 49   | 0            | 0             | 25-7-2018          |
| F                | QH6                       | Andritz AG - Stock Future               | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,9680    | 49   | 0            | 0             | 25-7-2018          |
| F                | QH6                       | Andritz AG - Stock Future               | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,93      |      |              |               |                    |



| 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                | QK6                       | Swisscom - Stock Future                   | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 446,7366   | 447  | 0            | 0             | 25-7-2018          |
| F                | QK6                       | Swisscom - Stock Future                   | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 424,1275   | 424  | 0            | 0             | 25-7-2018          |
| F                | QK8                       | Swisscom - Dividend Future                | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 25-7-2018          |
| F                | QK8                       | Swisscom - Dividend Future                | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 25-7-2018          |
| F                | QK8                       | Swisscom - Dividend Future                | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 25-7-2018          |
| F                | QK8                       | Swisscom - Dividend Future                | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 25-7-2018          |
| F                | QK8                       | Swisscom - Dividend Future                | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,4457   | 122  | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,4007   | 122  | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,3336   | 122  | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,2278   | 122  | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,1000   | 122  | 0            | 0             | 25-7-2018          |
| F                | QL6                       | Sulzer - Stock Future                     | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,3307   | 118  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 232,0971   | 232  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 232,0117   | 232  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 231,8846   | 232  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 231,6841   | 232  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 231,4419   | 231  | 0            | 0             | 25-7-2018          |
| F                | QM6                       | Schindler Holding - Stock Future          | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 226,6191   | 227  | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2575,8585  | 2576 | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2574,9101  | 2575 | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2573,4994  | 2573 | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2571,2745  | 2571 | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2568,5861  | 2569 | 0            | 0             | 25-7-2018          |
| F                | QN6                       | SGS - Stock Future                        | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2485,0424  | 2485 | 0            | 0             | 25-7-2018          |
| F                | QN8                       | SGS - Dividend Future                     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,0000    | 75   | 0            | 0             | 25-7-2018          |
| F                | QN8                       | SGS - Dividend Future                     | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,0000    | 74   | 0            | 0             | 25-7-2018          |
| F                | QN8                       | SGS - Dividend Future                     | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,0000    | 76   | 0            | 0             | 25-7-2018          |
| F                | QN8                       | SGS - Dividend Future                     | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0000    | 78   | 0            | 0             | 25-7-2018          |
| F                | QN8                       | SGS - Dividend Future                     | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0000    | 78   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3209    | 88   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2883    | 88   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2400    | 88   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,1637    | 88   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,0715    | 88   | 0            | 0             | 25-7-2018          |
| F                | QO6                       | Swiss Re - Stock Future                   | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,7210    | 83   | 0            | 0             | 25-7-2018          |
| F                | QO8                       | Swiss Re - Dividend Future                | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     | 5    | 0            | 0             | 25-7-2018          |
| F                | QO8                       | Swiss Re - Dividend Future                | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     | 5    | 0            | 0             | 25-7-2018          |
| F                | QO8                       | Swiss Re - Dividend Future                | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 0             | 25-7-2018          |
| F                | QO8                       | Swiss Re - Dividend Future                | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     | 6    | 0            | 0             | 25-7-2018          |
| F                | QO8                       | Swiss Re - Dividend Future                | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     | 6    | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,5436   | 197  | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,5046   | 197  | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,4680   | 196  | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,3281   | 196  | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,1579   | 196  | 0            | 0             | 25-7-2018          |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,0239   | 196  | 0            | 0             | 25-7-2018          |
| F                | QT8                       | A2A - Dividend Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0578     | 0    | 0            | 0             | 25-7-2018          |
| F                | QT8                       | A2A - Dividend Future                     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| F                | QT8                       | A2A - Dividend Future                     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     | 0    | 0            | 0             | 25-7-2018          |
| F                | QT8                       | A2A - Dividend Future                     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     | 0    | 0            | 0             | 25-7-2018          |
| F                | QT8                       | A2A - Dividend Future                     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     | 0    | 0            | 0             | 25-7-2018          |
| F                | QU8                       | Bankia - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1102     | 0    | 0            | 0             | 25-7-2018          |
| F                | QU8                       | Bankia - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     | 0    | 0            | 0             | 25-7-2018          |
| F                | QU8                       | Bankia - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     | 0    | 0            | 0             | 25-7-2018          |
| F                | QU8                       | Bankia - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     | 0    | 0            | 0             | 25-7-2018          |
| F                | QU8                       | Bankia - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     | 0    | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,8378    | 53   | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,8182    | 53   | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,8115    | 53   | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,8120    | 53   | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,7962    | 53   | 0            | 0             | 25-7-2018          |
| F                | RA6                       | Randstad NV - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,9544    | 51   | 0            | 0             | 25-7-2018          |
| F                | RA8                       | Randstad NV - Dividend Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 0             | 25-7-2018          |
| F                | RA8                       | Randstad NV - Dividend Future             | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 25-7-2018          |
| F                | RA8                       | Randstad NV - Dividend Future             | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 25-7-2018          |
| F                | RA8                       | Randstad NV - Dividend Future             | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 25-7-2018          |
| F                | RA8                       | Randstad NV - Dividend Future             | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6269,2300  | 6269 | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6272,7800  | 6273 | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6275,7900  | 6276 | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6283,1400  | 6283 | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6294,2400  | 6294 | 0            | 0             | 25-7-2018          |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6208,7800  | 6209 | 0            | 0             | 25-7-2018          |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,0000   | 173  | 0            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 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                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 28,0000        | C                 | EUR               | 1,8100 | 2,0000 | 1,8100 | 7           | 1,9800 | 2,0400     |      | 2            | 16            | 868 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 28,0000        | P                 | EUR               | 0,1500 | 0,2000 | 0,1500 | 34          | 0,1800 | 0,1700     |      | 0            | 2070          | 5489 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 28,5000        | C                 | EUR               | 1,5300 | 1,5300 | 1,3400 | 2           | 1,3400 | 1,5900     |      | 2            | 6             | 599 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 28,5000        | P                 | EUR               | 0,2000 | 0,3200 | 0,2000 | 14          | 0,3100 | 0,2600     |      | 0            | 70            | 3675 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 29,0000        | C                 | EUR               | 1,3400 | 1,3500 | 0,9700 | 38          | 1,1700 | 1,1900     |      | 1            | 168           | 7234 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 29,0000        | P                 | EUR               | 0,3400 | 0,5000 | 0,3400 | 27          | 0,4300 | 0,4100     |      | 0            | 100           | 4737 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 29,5000        | C                 | EUR               | 0,9500 | 0,9700 | 0,6600 | 35          | 0,7700 | 0,8400     |      | 1            | 298           | 2486 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 29,5000        | P                 | EUR               | 0,4800 | 0,7500 | 0,4800 | 26          | 0,6400 | 0,6200     |      | 1            | 359           | 1361 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 30,0000        | C                 | EUR               | 0,6500 | 0,6700 | 0,4100 | 115         | 0,5600 | 0,5700     |      | 1            | 5639          | 17744 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 30,0000        | P                 | EUR               | 0,7500 | 1,0400 | 0,7500 | 33          | 0,9600 | 0,8900     |      | 1            | 831           | 2226 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 31,0000        | C                 | EUR               | 0,2800 | 0,2800 | 0,1800 | 73          | 0,2400 | 0,2500     |      | 0            | 1235          | 8972 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 31,0000        | P                 | EUR               | 1,6900 | 1,7800 | 1,6800 | 9           | 1,7400 | 1,6400     |      | 2            | 203           | 1035 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 32,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,0800 | 15          | 0,1000 | 0,1100     |      | 0            | 312           | 2577 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 32,0000        | P                 | EUR               | 2,5600 | 2,7700 | 2,5600 | 4           | 2,7000 | 2,5200     |      | 3            | 219           | 1096 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 4           | 0,0400 | 0,0500     |      | 0            | 33            | 8097 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 34,0000        | P                 | EUR               | 4,2700 | 4,5500 | 4,2700 | 5           | 4,5200 | 4,4500     |      | 4            | 155           | 521 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 280 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 171 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     |      | 8            | 0             | 225 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9600    |      | 12           | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 476 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0             | 168 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1596 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     |      | 8            | 0             | 133 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2523 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 1133 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 6168 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     |      | 6            | 0             | 1028 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 4           | 0,0400 | 0,0400     |      | 0            | 20            | 8034 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 25,0000        | C                 | EUR               | 5,1000 | 5,1000 | 4,7200 | 3           | 4,7200 | 4,9800     |      | 5            | 15            | 1395 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 25,0000        | P                 | EUR               | 0,0700 | 0,0700 | 0,0600 | 4           | 0,0600 | 0,0600     |      | 0            | 50            | 14873 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 26,0000        | C                 | EUR               | 4,1800 | 4,2200 | 3,7000 | 14          | 3,9400 | 3,9900     |      | 4            | 79            | 593 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0800 | 0,1200 | 0,0800 | 4           | 0,1000 | 0,1000     |      | 0            | 126           | 7659 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 27,0000        | C                 | EUR               | 2,8800 | 2,8800 | 2,8800 | 1           | 2,8800 | 3,0200     |      | 3            | 10            | 546 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 27,0000        | P                 | EUR               | 0,1700 | 0,2000 | 0,1700 | 6           | 0,1900 | 0,1800     |      | 0            | 198           | 15795 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 28,0000        | C                 | EUR               | 2,2900 | 2,2900 | 1,8600 | 9           | 2,0400 | 2,1000     |      | 2            | 35            | 13873 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 28,0000        | P                 | EUR               | 0,3200 | 0,3900 | 0,3200 | 10          | 0,3700 | 0,3500     |      | 0            | 488           | 19381 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 28,5000        | C                 | EUR               | 1,8500 | 1,8500 | 1,4600 | 18          | 1,6000 | 1,6800     |      | 2            | 368           | 643 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 28,5000        | P                 | EUR               | 0,5300 | 0,5600 | 0,5300 | 5           | 0,5500 | 0,4800     |      | 0            | 230           | 2681 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 29,0000        | C                 | EUR               | 1,4500 | 1,4600 | 1,1300 | 24          | 1,2100 | 1,3100     |      | 1            | 240           | 8751 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 29,0000        | P                 | EUR               | 0,5600 | 0,7400 | 0,5600 | 21          | 0,7000 | 0,6600     |      | 1            | 434           | 8956 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 29,5000        | C                 | EUR               | 1,0700 | 1,0700 | 0,8300 | 12          | 0,9200 | 1,0000     |      | 1            | 122           | 795 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 29,5000        | P                 | EUR               | 0,9600 | 0,9800 | 0,9600 | 2           | 0,9800 | 0,8800     |      | 1            | 4             | 865 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 30,0000        | C                 | EUR               | 0,8300 | 0,8300 | 0,6000 | 37          | 0,7200 | 0,7600     |      | 1            | 3682          | 34723 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 30,0000        | P                 | EUR               | 1,0000 | 1,2900 | 1,0000 | 10          | 1,2200 | 1,1500     |      | 1            | 334           | 25796 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 31,0000        | C                 | EUR               | 0,4400 | 0,4600 | 0,3200 | 22          | 0,3900 | 0,4100     |      | 0            | 459           | 10899 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 786 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 32,0000        | C                 | EUR               | 0,2300 | 0,2300 | 0,1700 | 8           | 0,2100 | 0,2300     |      | 0            | 356           | 28260 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 32,0000        | P                 | EUR               | 2,5700 | 2,7700 | 2,5700 | 3           | 2,7700 | 2,6400     |      | 3            | 195           | 17763 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 9268 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 420 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 24126 25-7-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     |      | 5            | 0             | 251 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0300     |      | 0            | 158           | 1682 25-7-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     |      | 8            | 0             | 150 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 686 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4400    |      | 10           | 0             | 154 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 74 25-7-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    |      | 15           | 0             | 155 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 26,0000        | C                 | EUR               | 4,1200 | 4,1200 | 3,7400 | 2           | 3,7400 | 4,0000     |      | 4            | 4             | 4 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 4 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 4 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 27,0000        | P                 | EUR               | 0,2700 | 0,3100 | 0,2700 | 8           | 0,2800 | 0,2700     |      | 0            | 50            | 53 25-7-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 28,0000        | P                 | EUR               | 0,4200 | 0,4900 | 0,4200 | 7           | 0,4900 | 0,4700     |      | 0            | 251           | 280 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 0 25-7-2018        |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 29,0000        | P                 | EUR               | 0,7700 | 0,9100 | 0,7700 | 7           | 0,9000 | 0,8000     |      | 1            | 93            | 151 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 29,5000        | C                 | EUR               | 1,0300 | 1,0700 | 1,0300 | 2           | 1,0700 | 1,1300     |      | 1            | 170           | 213 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 29,5000        | P                 | EUR               | 1,1400 | 1,1400 | 1,0600 | 6           | 1,0600 | 1,0300     |      | 1            | 100           | 65 25-7-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 30,0000        | C                 | EUR               | 0,7900 | 0,7900 | 0,7500 | 4           | 0,7700 | 0,8900     |      | 1            | 18            | 88 25-7-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 30,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3400 | 3           | 1,3500 | 1,3000     |      | 1            | 178           | 342 25-7-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 31,0000        | C                 | EUR               | 0,5700 | 0,5800 | 0,4300 | 7           | 0,4400 | 0,5300     |      | 1            | 51            | 64 25-7-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-10-2018  | 31,0000        | P                 | EUR               | 2,1300 | 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  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2235          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,9600    | 16   | 0            | 6             | 25-7-2018          |
| 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          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,9600    | 15   | 0            | 15            | 25-7-2018          |
| 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            | 5991          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9600    | 14   | 0            | 0             | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9600    | 13   | 0            | 10            | 25-7-2018          |
| 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          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9600    | 12   | 0            | 32            | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 1           | 0,0200  | 0,0200     | 0    | 3            | 8309          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9600    | 11   | 0            | 159           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1783          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9600     | 10   | 0            | 756           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 7           | 0,0300  | 0,0300     | 0    | 70           | 20713         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9600     | 9    | 0            | 1377          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 10820         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 22,0000        | C                 | EUR               | 8,1500  | 8,1500  | 7,9000  | 3           | 7,9000  | 7,9600     | 8    | 3            | 617           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0700     | 0    | 1            | 9239          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     | 7    | 0            | 155           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 23,0000        | P                 | EUR               | 0,1000  | 0,1100  | 0,1000  | 4           | 0,1100  | 0,1000     | 0    | 65           | 15716         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 24,0000        | C                 | EUR               | 5,7000  | 5,9500  | 5,7000  | 3           | 5,9500  | 5,9600     | 6    | 5            | 954           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 10288         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 25,0000        | C                 | EUR               | 4,7600  | 4,7600  | 4,7600  | 1           | 4,7600  | 4,9900     | 5    | 1            | 1308          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 25,0000        | P                 | EUR               | 0,2200  | 0,2600  | 0,2200  | 5           | 0,2600  | 0,2400     | 0    | 35           | 17086         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 26,0000        | C                 | EUR               | 3,7400  | 3,8800  | 3,7400  | 4           | 3,8800  | 4,0200     | 4    | 12           | 5193          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 26,0000        | P                 | EUR               | 0,3700  | 0,4000  | 0,3700  | 4           | 0,4000  | 0,3700     | 0    | 5            | 36052         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,0000        | C                 | EUR               | 3,1900  | 3,1900  | 3,0000  | 9           | 3,0100  | 3,1000     | 3    | 245          | 3186          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,0000        | P                 | EUR               | 0,5500  | 0,6300  | 0,5500  | 9           | 0,6300  | 0,5700     | 1    | 116          | 13273         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,0000        | C                 | EUR               | 2,4200  | 2,4400  | 2,0600  | 19          | 2,2000  | 2,2800     | 2    | 161          | 26705         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,0000        | P                 | EUR               | 0,8000  | 0,9500  | 0,8000  | 4           | 0,9500  | 0,8800     | 1    | 8            | 10114         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,0000        | C                 | EUR               | 1,7500  | 1,7500  | 1,4300  | 27          | 1,6000  | 1,6200     | 2    | 296          | 18690         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,0000        | P                 | EUR               | 1,3000  | 1,4000  | 1,2700  | 8           | 1,3400  | 1,2900     | 1    | 63           | 14036         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,0000        | C                 | EUR               | 1,2000  | 1,2000  | 0,9500  | 40          | 1,0600  | 1,0900     | 1    | 262          | 27192         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,0000        | P                 | EUR               | 1,7500  | 1,9000  | 1,7500  | 8           | 1,8600  | 1,8100     | 2    | 221          | 13927         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 32,0000        | C                 | EUR               | 0,5100  | 0,5100  | 0,3900  | 24          | 0,4300  | 0,4700     | 0    | 184          | 34626         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 32,0000        | P                 | EUR               | 3,0700  | 3,3800  | 3,0700  | 3           | 3,3800  | 3,2500     | 3    | 30           | 2990          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 34,0000        | C                 | EUR               | 0,2100  | 0,2100  | 0,1800  | 3           | 0,1900  | 0,2000     | 0    | 3            | 4673          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 34,0000        | P                 | EUR               | 5,0500  | 5,2500  | 5,0500  | 3           | 5,2500  | 5,0000     | 5    | 3            | 389           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 35,0000        | C                 | EUR               | 0,1400  | 0,1400  | 0,1100  | 4           | 0,1300  | 0,1400     | 0    | 31           | 42595         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 35,0000        | P                 | EUR               | 6,2000  | 6,2000  | 6,2000  | 1           | 6,2000  | 5,9400     | 6    | 1            | 4014          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 1           | 0,0300  | 0,0300     | 0    | 10           | 13740         | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 40,0000        | P                 | EUR               | 11,1500 | 11,1500 | 11,1000 | 2           | 11,1000 | 10,8400    | 11   | 6            | 1906          | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8400    | 16   | 0            | 11            | 25-7-2018          |
| 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            | 1885          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 50,0000        | P                 | EUR               | 20,9000 | 21,0500 | 20,9000 | 3           | 21,0500 | 20,8300    | 21   | 17           | 5840          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9600    | 12   | 0            | 0             | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 495           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9600     | 10   | 0            | 0             | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 1301          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     | 8    | 0            | 0             | 25-7-2018          |
| 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            | 1406          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9800     | 6    | 0            | 154           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 24,0000        | P                 | EUR               | 0,3100  | 0,3200  | 0,3100  | 2           | 0,3200  | 0,3000     | 0    | 2            | 1203          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 25,0000        | C                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 5,0100     | 5    | 3            | 755           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 25,0000        | P                 | EUR               | 0,4700  | 0,4700  | 0,4700  | 2           | 0,4700  | 0,4400     | 0    | 20           | 1430          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 26,0000        | C                 | EUR               | 4,2800  | 4,2800  | 3,9500  | 6           | 3,9600  | 4,0500     | 4    | 499          | 1681          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 26,0000        | P                 | EUR               | 0,6700  | 0,6700  | 0,6700  | 1           | 0,6700  | 0,6300     | 1    | 1            | 2643          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 27,0000        | C                 | EUR               | 2,9700  | 2,9700  | 2,9700  | 1           | 2,9700  | 3,1800     | 3    | 2            | 1812          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9200     | 1    | 0            | 3030          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4100     | 2    | 0            | 7735          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 28,0000        | P                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 1,2900     | 1    | 0            | 1893          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 29,0000        | C                 | EUR               | 1,7900  | 1,7900  | 1,6300  | 6           | 1,6400  | 1,7800     | 2    | 29           | 1870          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7600     | 2    | 0            | 1209          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 30,0000        | C                 | EUR               | 1,2900  | 1,2900  | 1,1800  | 6           | 1,2300  | 1,2900     | 1    | 19           | 1753          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3400     | 2    | 0            | 1408          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 32,0000        | C                 | EUR               | 0,5800  | 0,5800  | 0,5800  | 1           | 0,5800  | 0,6400     | 1    | 1            | 1693          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 32,0000        | P                 | EUR               | 3,8900  | 3,8900  | 3,7900  | 4           | 3,7900  | 3,7600     | 4    | 35           | 1575          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 34,0000        | C                 | EUR               | 0,3000  | 0,3000  | 0,2900  | 2           | 0,2900  | 0,3100     | 0    | 3            | 653           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4700     | 5    | 0            | 192           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 35,0000        | C                 | EUR               | 0,2200  | 0,2200  | 0,1900  | 3           | 0,1900  | 0,2200     | 0    | 3            | 3379          | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3700     | 6    | 0            | 327           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 372           | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2400    | 11   | 0            | 75            | 25-7-2018          |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 45,0000        | 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                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     |      | 8            | 0             | 151                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 22,0000        | P                 | EUR               | 0,2500  | 0,2600  | 0,2500  | 3           | 0,2600  | 0,2400     |      | 0            | 30            | 1378               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     |      | 7            | 0             | 417                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     |      | 0            | 0             | 2679               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0100     |      | 6            | 0             | 1088               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 24,0000        | P                 | EUR               | 0,4600  | 0,4700  | 0,4600  | 2           | 0,4700  | 0,4900     |      | 0            | 2             | 4257               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 26,0000        | C                 | EUR               | 4,1900  | 4,1900  | 3,8300  | 4           | 3,8300  | 4,0900     |      | 4            | 243           | 2399               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 26,0000        | P                 | EUR               | 0,9700  | 0,9700  | 0,9700  | 2           | 0,9700  | 0,9700     |      | 1            | 50            | 9168               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 28,0000        | C                 | EUR               | 2,5300  | 2,5300  | 2,3500  | 5           | 2,3600  | 2,5300     |      | 3            | 7             | 9795               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 28,0000        | P                 | EUR               | 1,7200  | 1,7700  | 1,7200  | 3           | 1,7700  | 1,7400     |      | 2            | 4             | 3532               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 29,0000        | C                 | EUR               | 1,8700  | 1,8700  | 1,7500  | 7           | 1,7800  | 1,9400     |      | 2            | 9             | 394                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     |      | 2            | 231           | 0                  | 231       | 25-7-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 30,0000        | C                 | EUR               | 1,4800  | 1,4800  | 1,3400  | 3           | 1,4100  | 1,4700     |      | 1            | 31            | 3973               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8600     |      | 3            | 0             | 2693               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 32,0000        | C                 | EUR               | 0,7900  | 0,7900  | 0,7200  | 5           | 0,7200  | 0,8100     |      | 1            | 6             | 1662               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 32,0000        | P                 | EUR               | 4,4100  | 4,4100  | 4,4000  | 4           | 4,4000  | 4,2800     |      | 4            | 95            | 755                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 35,0000        | C                 | EUR               | 0,3000  | 0,3000  | 0,3000  | 1           | 0,3000  | 0,3200     |      | 0            | 10            | 4796               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 35,0000        | P                 | EUR               | 6,9500  | 6,9500  | 6,9500  | 1           | 6,9500  | 6,8700     |      | 7            | 2             | 1034               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0800  | 0,0800  | 0,0800  | 1           | 0,0800  | 0,0800     |      | 0            | 1             | 16683              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6700    |      | 12           | 0             | 352                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,6100    |      | 17           | 0             | 15                 | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 10,0000        | C                 | EUR               | 20,1500 | 20,1500 | 19,7000 | 3           | 19,7000 | 19,9600    |      | 20           | 7             | 7                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 1           | 0,0200  | 0,0100     |      | 0            | 5             | 1682               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,9600    |      | 18           | 0             | 0                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 128                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,9600    |      | 16           | 0             | 7                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 493                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,9600    |      | 15           | 0             | 271                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 3066               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9600    |      | 14           | 0             | 0                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 659                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9600    |      | 13           | 0             | 124                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 1228               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9600    |      | 12           | 0             | 32                 | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 1990               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9600    |      | 11           | 0             | 141                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     |      | 0            | 0             | 2691               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9600     |      | 10           | 0             | 547                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     |      | 0            | 0             | 18030              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9600     |      | 9            | 0             | 51                 | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 21,0000        | P                 | EUR               | 0,4000  | 0,4000  | 0,4000  | 1           | 0,4000  | 0,3800     |      | 0            | 2             | 6288               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     |      | 8            | 0             | 1135               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 22,0000        | P                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5200     |      | 1            | 10            | 21262              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     |      | 7            | 0             | 960                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 23,0000        | P                 | EUR               | 0,7400  | 0,7500  | 0,7400  | 4           | 0,7500  | 0,7100     |      | 1            | 52            | 7558               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 24,0000        | C                 | EUR               | 6,2000  | 6,2000  | 5,7500  | 3           | 5,8500  | 5,9800     |      | 6            | 13            | 2201               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 24,0000        | P                 | EUR               | 0,9200  | 0,9200  | 0,9100  | 2           | 0,9100  | 0,9400     |      | 1            | 20            | 12004              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 25,0000        | C                 | EUR               | 5,2000  | 5,2000  | 5,0000  | 2           | 5,0000  | 5,0300     |      | 5            | 102           | 2969               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 25,0000        | P                 | EUR               | 1,2200  | 1,3100  | 1,2200  | 4           | 1,3000  | 1,2500     |      | 1            | 13            | 7989               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 26,0000        | C                 | EUR               | 3,9600  | 3,9600  | 3,9200  | 2           | 3,9200  | 4,1300     |      | 4            | 25            | 11776              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 26,0000        | P                 | EUR               | 1,5600  | 1,5600  | 1,5500  | 2           | 1,5500  | 1,6200     |      | 2            | 17            | 5623               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 28,0000        | C                 | EUR               | 2,6900  | 2,6900  | 2,5600  | 7           | 2,6000  | 2,7300     |      | 3            | 150           | 16218              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 28,0000        | P                 | EUR               | 2,6500  | 2,6800  | 2,6500  | 12          | 2,6800  | 2,5400     |      | 3            | 650           | 4609               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 30,0000        | C                 | EUR               | 1,7900  | 1,7900  | 1,5800  | 7           | 1,5800  | 1,7300     |      | 2            | 13            | 17924              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 30,0000        | P                 | EUR               | 3,7800  | 3,7800  | 3,7800  | 1           | 3,7800  | 3,7700     |      | 4            | 10            | 6097               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 32,0000        | C                 | EUR               | 1,1100  | 1,1100  | 0,9800  | 5           | 1,0100  | 1,0800     |      | 1            | 62            | 174                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2200     |      | 5            | 0             | 21                 | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 35,0000        | C                 | EUR               | 0,4700  | 0,5000  | 0,4700  | 5           | 0,5000  | 0,5200     |      | 1            | 6             | 12309              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 35,0000        | P                 | EUR               | 7,9000  | 7,9500  | 7,9000  | 3           | 7,9500  | 7,7600     |      | 8            | 151           | 2234               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 30252              | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 40,0000        | P                 | EUR               | 12,7000 | 12,7000 | 12,7000 | 1           | 12,7000 | 12,4700    |      | 12           | 3             | 2012               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 1743               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3600    |      | 22           | 0             | 3553               | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0400     |      | 5            | 0             | 0                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7800     |      | 2            | 0             | 624                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1700     |      | 4            | 0             | 3                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2200     |      | 2            | 0             | 167                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8400     |      | 3            | 0             | 3                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2800     |      | 3            | 0             | 45                 | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 30,0000        | C                 | EUR               | 1,8500  | 1,8500  | 1,7800  | 5           | 1,8000  | 1,9100     |      | 2            | 24            | 102                | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5800     |      | 5            | 0             | 5                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     |      | 1            | 0             | 9                  | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6100     |      |              |               |                    |           |           |



| 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                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 18,0000        | P                 | EUR               | 0,4300  | 0,4300  | 0,4300  | 1           | 0,4300  | 0,4200     | 0    | 1            | 1952          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9600     | 10   | 0            | 432           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 20,0000        | P                 | EUR               | 0,7700  | 0,7700  | 0,7700  | 1           | 0,7700  | 0,7200     | 1    | 15           | 3068          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9600     | 9    | 0            | 261           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 21,0000        | P                 | EUR               | 0,9900  | 0,9900  | 0,9900  | 1           | 0,9900  | 0,9400     | 1    | 21           | 777           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     | 8    | 0            | 647           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 22,0000        | P                 | EUR               | 1,2600  | 1,2600  | 1,2600  | 1           | 1,2600  | 1,2000     | 1    | 1            | 7502          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 23,0000        | C                 | EUR               | 6,7300  | 6,7300  | 6,7300  | 1           | 6,7300  | 6,9600     | 7    | 1            | 783           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 23,0000        | P                 | EUR               | 1,5900  | 1,5900  | 1,5600  | 2           | 1,5600  | 1,5300     | 2    | 20           | 1321          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9800     | 6    | 0            | 1417          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8900     | 2    | 851          | 0             | 851       | 25-7-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 25,0000        | C                 | EUR               | 5,0500  | 5,0500  | 4,8000  | 2           | 4,8000  | 5,0000     | 5    | 11           | 7703          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 25,0000        | P                 | EUR               | 2,4300  | 2,4300  | 2,4300  | 1           | 2,4300  | 2,3200     | 2    | 3            | 3136          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 26,0000        | C                 | EUR               | 4,4000  | 4,4000  | 4,0000  | 2           | 4,0000  | 4,2200     | 4    | 11           | 13728         | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 26,0000        | P                 | EUR               | 2,8100  | 2,8100  | 2,8100  | 1           | 2,8100  | 2,8100     | 3    | 20           | 9566          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 28,0000        | C                 | EUR               | 2,9800  | 2,9800  | 2,8500  | 3           | 2,8500  | 2,9400     | 3    | 5            | 5893          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 28,0000        | P                 | EUR               | 4,0600  | 4,0600  | 4,0600  | 1           | 4,0600  | 3,9400     | 4    | 1            | 3805          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 30,0000        | C                 | EUR               | 1,9400  | 2,0100  | 1,9400  | 3           | 1,9900  | 2,0500     | 2    | 12           | 20626         | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 30,0000        | P                 | EUR               | 5,1500  | 5,4000  | 5,1500  | 2           | 5,4000  | 5,3100     | 5    | 11           | 2752          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 35,0000        | C                 | EUR               | 0,7900  | 0,7900  | 0,7700  | 6           | 0,7800  | 0,8100     | 1    | 64           | 2304          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 35,0000        | P                 | EUR               | 9,4000  | 9,4000  | 9,4000  | 1           | 9,4000  | 9,3300     | 9    | 2            | 888           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 40,0000        | C                 | EUR               | 0,3200  | 0,3300  | 0,3200  | 2           | 0,3300  | 0,3300     | 0    | 65           | 15295         | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9800    | 14   | 0            | 425           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 1817          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7900    | 24   | 0            | 852           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,9600    | 15   | 0            | 17            | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     | 0    | 0            | 1375          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9600    | 14   | 0            | 50            | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     | 0    | 0            | 933           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9600    | 12   | 0            | 1             | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     | 1    | 0            | 6928          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9600     | 10   | 0            | 244           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 20,0000        | P                 | EUR               | 1,3000  | 1,3000  | 1,3000  | 2           | 1,3000  | 1,2700     | 1    | 2            | 3089          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9600     | 9    | 0            | 20            | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 21,0000        | P                 | EUR               | 1,5400  | 1,6500  | 1,5300  | 24          | 1,6100  | 1,5800     | 2    | 24           | 813           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     | 8    | 0            | 485           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 22,0000        | P                 | EUR               | 1,9700  | 1,9700  | 1,9700  | 1           | 1,9700  | 1,9500     | 2    | 1            | 1470          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 23,0000        | C                 | EUR               | 6,7200  | 6,7200  | 6,7200  | 1           | 6,7200  | 6,9600     | 7    | 1            | 904           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3700     | 2    | 0            | 330           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 24,0000        | C                 | EUR               | 5,9500  | 5,9500  | 5,9500  | 1           | 5,9500  | 5,9700     | 6    | 2            | 885           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 24,0000        | P                 | EUR               | 2,8600  | 2,8900  | 2,8600  | 3           | 2,8900  | 2,8400     | 3    | 11           | 1152          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 25,0000        | C                 | EUR               | 5,2500  | 5,2500  | 4,8000  | 6           | 4,8000  | 5,0600     | 5    | 99           | 6325          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3700     | 3    | 0            | 1315          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 26,0000        | C                 | EUR               | 4,0500  | 4,2200  | 4,0500  | 3           | 4,2200  | 4,2500     | 4    | 5            | 6267          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 26,0000        | P                 | EUR               | 3,8800  | 3,9000  | 3,8800  | 2           | 3,9000  | 3,9200     | 4    | 9            | 3043          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1000     | 3    | 0            | 2788          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 28,0000        | P                 | EUR               | 5,2000  | 5,2000  | 5,2000  | 1           | 5,2000  | 5,1900     | 5    | 2            | 1460          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 30,0000        | C                 | EUR               | 2,1500  | 2,1500  | 2,1400  | 2           | 2,1400  | 2,2500     | 2    | 15           | 8425          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6000     | 7    | 0            | 1534          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 32,0000        | C                 | EUR               | 1,6800  | 1,6800  | 1,5500  | 9           | 1,6500  | 1,6400     | 2    | 99           | 1618          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1800     | 8    | 0            | 232           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 35,0000        | C                 | EUR               | 1,0600  | 1,0600  | 0,9900  | 4           | 1,0000  | 1,0400     | 1    | 19           | 3780          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 35,0000        | P                 | EUR               | 10,5500 | 10,8500 | 10,5500 | 2           | 10,8500 | 10,7200    | 11   | 2            | 125           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     | 0    | 0            | 6979          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2500    | 15   | 0            | 157           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 780           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,9400    | 25   | 0            | 405           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,9600    | 15   | 0            | 31            | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 470           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9600    | 12   | 0            | 0             | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 18,0000        | P                 | EUR               | 1,1900  | 1,2600  | 1,1900  | 3           | 1,2600  | 1,2200     | 1    | 22           | 371           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 20,0000        | C                 | EUR               | 10,1500 | 10,1500 | 10,1500 | 1           | 10,1500 | 9,9600     | 10   | 685          | 100           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 20,0000        | P                 | EUR               | 1,8100  | 1,9400  | 1,8100  | 16          | 1,8900  | 1,8600     | 2    | 33           | 1819          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9700     | 6    | 0            | 1648          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 24,0000        | P                 | EUR               | 3,8200  | 3,8200  | 3,7200  | 3           | 3,7200  | 3,7200     | 6    | 17           | 659           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 25,0000        | C                 | EUR               | 5,3000  | 5,3000  | 4,8500  | 11          | 4,8500  | 5,0700     | 5    | 106          | 5452          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 25,0000        | P                 | EUR               | 4,2000  | 4,2000  | 4,2000  | 1           | 4,2000  | 4,2900     | 4    | 10           | 1752          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 26,0000        | C                 | EUR               | 4,3600  | 4,3600  | 4,1000  | 6           | 4,2300  | 4,3100     | 4    | 28           | 3029          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9300     | 5    | 0            | 1310          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 28,0000        | C                 | EUR               | 3,1000  | 3,1500  | 3,0500  | 10          | 3,1500  | 3,1600     | 3    | 180          | 3698          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 28,0000        | P                 | EUR               | 6,3000  | 6,4000  | 6,3000  | 4           | 6,4000  | 6,2900     | 6    | 19           | 1996          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 30,0000        | C                 | EUR               | 2,4100  | 2,5000  | 2,4100  | 3           | 2,4300  | 2,4000     | 2    | 3            | 2503          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 30,0000        | P                 | EUR               | 7,9000  | 7,9000  | 7,9000  | 3           | 7,9000  | 7,7300     | 8    | 16           | 802           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 40,0000        | C                 | EUR               | 0,6200  | 0,6200  | 0,5900  | 14          | 0,6000  | 0,6400     | 1    | 210          | 4105          | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2022  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3900    | 16   | 0            | 521           | 25-7-2018 |           |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 16-12-2     |                |                   |                   |         |         |         |             |         |            |      |              |               |           |           |



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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                | RD9                       | Royal Dutch Shell A - European Stock Option | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     |      | 7            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6500    |      | 12           | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5700    |      | 17           | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     |      | 3            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7400     |      | 8            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 25-7-2018          |           |
| O                | RD9                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4500    |      | 12           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7507    |      | 19           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7443    |      | 19           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7391    |      | 19           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7274    |      | 19           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7132    |      | 19           | 0             | 25-7-2018          |           |
| F                | RE6                       | RELX NV - Stock Future                      | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4508    |      | 18           | 0             | 25-7-2018          |           |
| F                | RE8                       | RELX NV - Dividend Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4560     |      | 0            | 0             | 25-7-2018          |           |
| F                | RE8                       | RELX NV - Dividend Future                   | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 25-7-2018          |           |
| F                | RE8                       | RELX NV - Dividend Future                   | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 25-7-2018          |           |
| F                | RE8                       | RELX NV - Dividend Future                   | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 25-7-2018          |           |
| F                | RE8                       | RELX NV - Dividend Future                   | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 22            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 10            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 44            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 109           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 18,0000        | C                 | EUR               | 0,8900 | 0,8900 | 0,8900 | 1           | 0,8900 | 0,9500     |      | 1            | 23            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 18,0000        | P                 | EUR               | 0,1200 | 0,1700 | 0,1200 | 4           | 0,1600 | 0,1600     |      | 0            | 66            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 18,5000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 6           | 0,5100 | 0,5700     |      | 1            | 253           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 18,5000        | P                 | EUR               | 0,2300 | 0,3200 | 0,2300 | 24          | 0,2900 | 0,3000     |      | 0            | 392           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 19,0000        | C                 | EUR               | 0,2100 | 0,3000 | 0,2100 | 6           | 0,3000 | 0,2900     |      | 0            | 106           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 19,0000        | P                 | EUR               | 0,5200 | 0,5400 | 0,5200 | 4           | 0,5400 | 0,5400     |      | 1            | 201           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 19,5000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,1200     |      | 0            | 1             | 580                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 19,5000        | P                 | EUR               | 0,8800 | 0,8800 | 0,8800 | 1           | 0,8800 | 0,8700     |      | 1            | 1             | 225                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 112                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 124                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 10                 | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 17-8-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     |      | 9            | 0             | 0                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 34            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     |      | 7            | 0             | 0                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 5             | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 8                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 106           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 8                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 19            | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 126                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 2           | 0,0400 | 0,0400     |      | 0            | 13            | 3136               | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     |      | 2            | 0             | 1765               | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 17,0000        | P                 | EUR               | 0,1000 | 0,1100 | 0,1000 | 2           | 0,1100 | 0,1000     |      | 0            | 14            | 645                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 34                 | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 644                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 18,0000        | P                 | EUR               | 0,2700 | 0,2700 | 0,2500 | 3           | 0,2500 | 0,2600     |      | 0            | 33            | 2122               | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 129                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 126                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 19,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,4000     |      | 0            | 1             | 756                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 19,0000        | P                 | EUR               | 0,6800 | 0,6800 | 0,6300 | 2           | 0,6300 | 0,6500     |      | 1            | 37            | 146                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 23                 | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 10                 | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 203           | 25-7-2018          |           |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 178                | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 51                 | 25-7-2018 |
| O                | REN                       | RELX NV                                     | 21-9-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 34                 | 25-7-2018 |



| 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                | REN                       | RELX NV         | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2600     |      | 7            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 17,0000        | P                 | EUR               | 0,1400 | 0,1500 | 0,1400 | 2           | 0,1500 | 0,1600     |      | 0            | 11            | 11 25-7-2018       |
| O                | REN                       | RELX NV         | 19-10-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 9 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 1 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 33 25-7-2018       |
| O                | REN                       | RELX NV         | 19-10-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 19-10-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     |      | 3            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6800    |      | 14           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 10            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3800    |      | 12           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 114           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8800    |      | 11           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 9,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7800     |      | 10           | 12            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 9,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 108           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1300     |      | 9            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 494           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     |      | 9            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 100           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 10,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4800     |      | 8            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 10,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 360           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 11,7000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1800     |      | 7            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 11,7000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 317           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     |      | 7            | 0             | 1 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 76            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     |      | 6            | 5             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 425 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 114           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 14,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     |      | 5            | 0             | 20 25-7-2018       |
| O                | REN                       | RELX NV         | 21-12-2018  | 14,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 1024          | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 114 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 836           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 15,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     |      | 3            | 0             | 762 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 15,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 583           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     |      | 3            | 0             | 349 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 317           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 16,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     |      | 3            | 0             | 303 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 16,2600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 633           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 17,0000        | C                 | EUR               | 2,0200 | 2,0200 | 2,0200 | 1           | 2,0200 | 2,0000     |      | 2            | 10            | 181 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 226           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 18,0000        | C                 | EUR               | 1,2300 | 1,2300 | 1,2300 | 1           | 1,2300 | 1,2300     |      | 1            | 7             | 630 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 6488 25-7-2018     |
| O                | REN                       | RELX NV         | 21-12-2018  | 19,0000        | C                 | EUR               | 0,6400 | 0,6400 | 0,6400 | 2           | 0,6400 | 0,6400     |      | 1            | 41            | 558 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 291 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 19,5100        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4700     |      | 0            | 1             | 306 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 19,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 160 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 711 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 0             | 107 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 22,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 219           | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 181 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 24            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2800     |      | 6            | 0             | 308 25-7-2018      |
| O                | REN                       | RELX NV         | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     |      | 9            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     |      | 7            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 3             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 10            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 41 25-7-2018       |
| O                | REN                       | RELX NV         | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 39            | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 26 25-7-2018       |
| O                | REN                       | RELX NV         | 15-3-2019   | 16,0000        | 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                | REN                       | RELX NV         | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 69            | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 20,0000        | P                 | EUR               | 1,7300 | 1,7300 | 1,7300 | 1           | 1,7300 | 1,7600     | 2    | 10           | 100           | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 5             | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     | 5    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     | 7    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     | 9    | 0            | 9             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 45            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     | 7    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     | 5    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 12            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 58            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 364           | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3    | 0            | 110           | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 16,0000        | P                 | EUR               | 0,3900 | 0,3900 | 0,3900 | 1           | 0,3900 | 0,4100     | 0    | 1            | 124           | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 89            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 57            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 49            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 10            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 4             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 68            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 82            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 39            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 3             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     | 6    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 55            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5900     | 7    | 0            | 92            | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5800     | 8    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3800    | 12   | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 47            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8800    | 11   | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 21            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1300     | 9    | 0            | 6             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 121           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     | 9    | 0            | 2             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 6             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     | 7    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 201           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     | 6    | 0            | 75            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 13,0000        | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,1800     | 0    | 10           | 672           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     | 5    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 303           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 14,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 803           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 14,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 1033          | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     | 4    | 0            | 14            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 311           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 15,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3    | 0            | 336           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 15,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 1493          | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     | 3    | 0            | 733           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 207           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 16,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     | 3    | 0            | 365           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 16,2600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 94            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 136           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 18,0000        | P                 | EUR               | 1,4800 | 1,4900 | 1,4600 | 5           | 1,4700 | 1,4200     | 1    | 53           | 212           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 19,5100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 227           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 19,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 279           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 82            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 6             | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 22,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 155           | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 85            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 25,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,0900     | 0    | 1            | 10            | 25-7-2018          |
| O                | REN                       | RELX NV         | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8100     | 7    | 0            | 332           | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     | 3    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 4             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     | 2    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 4             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     | 3    | 0            | 1             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     | 5    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     | 7    | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8800    | 11   | 0            | 3             | 25-7-201           |



| 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                | REN                       | RELX NV         | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     |      | 1            | 0             | 46 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3600     |      | 3            | 0             | 303 25-7-2018      |
| O                | REN                       | RELX NV         | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2600     |      | 1            | 0             | 214 25-7-2018      |
| O                | REN                       | RELX NV         | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     |      | 2            | 0             | 47 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     |      | 2            | 0             | 47 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2200     |      | 1            | 0             | 543 25-7-2018      |
| O                | REN                       | RELX NV         | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3200     |      | 3            | 0             | 128 25-7-2018      |
| O                | REN                       | RELX NV         | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 56 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8200     |      | 5            | 0             | 70 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 86 25-7-2018       |
| O                | REN                       | RELX NV         | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4400     |      | 7            | 0             | 208 25-7-2018      |
| O                | REN                       | RELX NV         | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 25-7-2018          |
| O                | REN                       | RELX NV         | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2600    |      | 12           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8800    |      | 11           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8800     |      | 9            | 0             | 19 25-7-2018       |
| O                | REN                       | RELX NV         | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 184 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0400     |      | 5            | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 17-12-2021  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0800     |      | 1            | 0             | 12 25-7-2018       |
| O                | REN                       | RELX NV         | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2600     |      | 4            | 0             | 159 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4100     |      | 1            | 0             | 217 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5500     |      | 4            | 0             | 214 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 16,0000        | P                 | EUR               | 1,8200  | 1,8200  | 1,8200  | 1           | 1,8200  | 1,8000     |      | 2            | 2             | 977 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3900     |      | 2            | 0             | 232 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7700     |      | 3            | 0             | 751 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     |      | 2            | 0             | 255 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9700     |      | 4            | 0             | 208 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 173 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9800     |      | 8            | 0             | 197 25-7-2018      |
| O                | REN                       | RELX NV         | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 6 25-7-2018        |
| O                | REN                       | RELX NV         | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6900    |      | 13           | 0             | 41 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8800    |      | 11           | 0             | 0 25-7-2018        |
| O                | REN                       | RELX NV         | 16-12-2022  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     |      | 0            | 0             | 4 25-7-2018        |
| O                | REN                       | RELX NV         | 16-12-2022  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8800     |      | 9            | 0             | 17 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 54 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1000     |      | 5            | 0             | 2 25-7-2018        |
| O                | REN                       | RELX NV         | 16-12-2022  | 14,0000        | P                 | EUR               | 1,4200  | 1,4200  | 1,4200  | 1           | 1,4200  | 1,4400     |      | 1            | 15            | 34 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3300     |      | 4            | 0             | 30 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7900     |      | 2            | 0             | 143 25-7-2018      |
| O                | REN                       | RELX NV         | 16-12-2022  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6900     |      | 4            | 0             | 204 25-7-2018      |
| O                | REN                       | RELX NV         | 16-12-2022  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2700     |      | 2            | 0             | 80 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6300     |      | 3            | 0             | 129 25-7-2018      |
| O                | REN                       | RELX NV         | 16-12-2022  | 18,0000        | P                 | EUR               | 3,4000  | 3,4000  | 3,4000  | 1           | 3,4000  | 3,3400     |      | 3            | 5             | 1651 25-7-2018     |
| O                | REN                       | RELX NV         | 16-12-2022  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8200     |      | 2            | 0             | 212 25-7-2018      |
| O                | REN                       | RELX NV         | 16-12-2022  | 20,0000        | P                 | EUR               | 4,6000  | 4,6000  | 4,6000  | 1           | 4,6000  | 4,6100     |      | 5            | 1             | 179 25-7-2018      |
| O                | REN                       | RELX NV         | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 22 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5300     |      | 9            | 0             | 42 25-7-2018       |
| O                | REN                       | RELX NV         | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     |      | 0            | 0             | 2 25-7-2018        |
| O                | REN                       | RELX NV         | 16-12-2022  | 30,0000        | P                 | EUR               | 13,2000 | 13,2000 | 13,2000 | 1           | 13,2000 | 13,1200    |      | 13           | 1             | 10 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6800    |      | 14           | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 20 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3800    |      | 12           | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 128 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 9,1000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7800     |      | 10           | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 9,1000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 139 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 9,7500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1300     |      | 9            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 9,7500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 496 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 10,4000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4800     |      | 8            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 10,4000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 354 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 11,7000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1800     |      | 7            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 11,7000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 347 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8800     |      | 6            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 72 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 14,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5800     |      | 5            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 14,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 130 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 15,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2800     |      | 3            | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 15,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 20 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 16,2600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6500     |      | 3            | 0             | 177 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 16,2600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 138 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 19,5100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4700     |      | 0            | 0             | 74 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 19,5100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2500     |      | 1            | 0             | 156 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 22,7600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 20 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 21-12-2018  | 22,7600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0500     |      | 4            | 0             | 77 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 20-12-2019  | 6,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3800    |      | 12           | 0             | 0 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 20-12-2019  | 6,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 45 25-7-2018       |
| O                | REO                       | RELX NV OLD     | 20-12-2019  | 9,7500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1300     |      | 9            | 0             | 2 25-7-2018        |
| O                | REO                       | RELX NV OLD     | 20-12-2019  | 9,7500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 315 25-7-2018      |
| O                | REO                       | RELX NV OLD     | 20-12-2019  | 13,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8800     |      | 6            | 0             | 4 25-7-2018        |
| O                | REO                       | RELX 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                | REO                       | RELX NV OLD                      | 20-12-2019  | 19,5100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |        | 1            | 0             | 16 25-7-2018       |                |
| O                | REO                       | RELX NV OLD                      | 20-12-2019  | 19,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |        | 2            | 0             | 43 25-7-2018       |                |
| O                | REO                       | RELX NV OLD                      | 20-12-2019  | 22,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 7             | 25-7-2018          |                |
| O                | REO                       | RELX NV OLD                      | 20-12-2019  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     |        | 5            | 0             | 105 25-7-2018      |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,9775    |        | 99           | 0             | 0 25-7-2018        |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,9434    |        | 99           | 0             | 0 25-7-2018        |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,9161    |        | 99           | 0             | 0 25-7-2018        |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,8546    |        | 99           | 0             | 0 25-7-2018        |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,7791    |        | 99           | 0             | 0 25-7-2018        |                |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,7140    |        | 97           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8744    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8658    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8589    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8435    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8245    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8079    |        | 25           | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1666,1900  |        | 1666         | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1667,1300  |        | 1667         | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1667,9300  |        | 1668         | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1669,8800  |        | 1670         | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1672,8300  |        | 1673         | 0             | 0 25-7-2018        |                |
| F                | RL6                       | RELX plc - Stock Future          | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1647,7000  |        | 1648         | 0             | 0 25-7-2018        |                |
| F                | RL8                       | RELX plc - Dividend Future       | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3000    |        | 40           | 0             | 0 25-7-2018        |                |
| F                | RL8                       | RELX plc - Dividend Future       | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,0000    |        | 43           | 0             | 0 25-7-2018        |                |
| F                | RL8                       | RELX plc - Dividend Future       | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5000    |        | 46           | 0             | 0 25-7-2018        |                |
| F                | RL8                       | RELX plc - Dividend Future       | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0000    |        | 47           | 0             | 0 25-7-2018        |                |
| F                | RL8                       | RELX plc - Dividend Future       | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0000    |        | 47           | 0             | 0 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8400    |        | 11           | 0             | 0 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 9 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     |        | 9            | 0             | 0 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | -           | 1      | 0,0400     | 0,0400 |              | 0             | 2                  | 108 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     |        | 7            | 0             | 15 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0500 | 0,0500 | 0,0500 | -           | 1      | 0,0500     | 0,0500 |              | 0             | 1                  | 385 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     |        | 5            | 0             | 40 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 48,0000        | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | -           | 2      | 0,1000     | 0,1100 |              | 0             | 12                 | 350 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 49,0000        | C                 | EUR               | 3,8000 | 3,8000 | 3,8000 | -           | 1      | 3,8000     | 3,9800 |              | 4             | 1                  | 34 25-7-2018   |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |        | 0            | 0             | 148 25-7-2018      |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 50,0000        | C                 | EUR               | 2,9500 | 3,2500 | 2,9500 | -           | 3      | 3,1800     | 3,0900 |              | 0             | 6                  | 178 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 50,0000        | P                 | EUR               | 0,3100 | 0,3100 | 0,2400 | -           | 7      | 0,2400     | 0,2600 |              | 3             | 18                 | 428 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 51,0000        | C                 | EUR               | 2,2500 | 2,4600 | 2,1200 | -           | 5      | 2,3000     | 2,2500 |              | 2             | 6                  | 328 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 51,0000        | P                 | EUR               | 0,5200 | 0,5200 | 0,4000 | -           | 5      | 0,4000     | 0,4200 |              | 0             | 16                 | 328 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 52,0000        | C                 | EUR               | 1,6800 | 1,6800 | 1,5000 | -           | 5      | 1,5000     | 1,5300 |              | 2             | 9                  | 871 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 52,0000        | P                 | EUR               | 0,8500 | 0,9000 | 0,6400 | -           | 10     | 0,7400     | 0,7000 |              | 1             | 32                 | 423 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 53,0000        | C                 | EUR               | 0,9100 | 1,2300 | 0,9100 | -           | 12     | 0,9600     | 0,9500 |              | 1             | 164                | 493 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 53,0000        | P                 | EUR               | 1,0800 | 1,1600 | 1,0800 | -           | 3      | 1,1600     | 1,1200 |              | 1             | 7                  | 189 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 54,0000        | C                 | EUR               | 0,5300 | 0,7000 | 0,5200 | -           | 13     | 0,5200     | 0,5400 |              | 1             | 44                 | 443 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 54,0000        | P                 | EUR               | 1,6900 | 1,6900 | 1,6900 | -           | 1      | 1,6900     | 1,7100 |              | 2             | 10                 | 176 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 55,0000        | C                 | EUR               | 0,3100 | 0,4100 | 0,3100 | -           | 9      | 0,4100     | 0,2900 |              | 0             | 15                 | 304 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |        | 2            | 0             | 60 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 56,0000        | C                 | EUR               | 0,1600 | 0,2000 | 0,1600 | -           | 15     | 0,1600     | 0,1400 |              | 0             | 27                 | 156 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |        | 3            | 0             | 45 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | -           | 2      | 0,0500     | 0,0400 |              | 0             | 2                  | 128 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |        | 5            | 0             | 62 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 11 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1700     |        | 7            | 0             | 20 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8400    |        | 18           | 0             | 0 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |        | 0            | 0             | 660 25-7-2018      |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8600    |        | 13           | 0             | 15 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | -           | 1      | 0,0800     | 0,0700 |              | 0             | 2                  | 220 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9100    |        | 11           | 0             | 0 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 42,0000        | P                 | EUR               | 0,1200 | 0,1200 | 0,0900 | -           | 8      | 0,0900     | 0,0900 |              | 0             | 104                | 104 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     |        | 9            | 0             | 1 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |        | 0            | 0             | 63 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     |        | 8            | 0             | 30 25-7-2018       |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |        | 0            | 0             | 304 25-7-2018      |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0300     |        | 7            | 0             | 1 25-7-2018        |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 46,0000        | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | -           | 1      | 0,2600     | 0,2100 |              | 1             | 135 25-7-2018      |                |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 48,0000        | C                 | EUR               | 5,2500 | 5,2500 | 5,2500 | -           | 1      | 5,2500     | 5,2000 |              | 5             | 5                  | 54 25-7-2018   |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 48,0000        | P                 | EUR               | 0,4000 | 0,4200 | 0,3800 | -           | 5      | 0,4200     | 0,3800 |              | 0             | 9                  | 529 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 49,0000        | C                 | EUR               | 4,5600 | 4,5600 | 4,5600 | -           | 1      | 4,5600     | 4,3300 |              | 4             | 10                 | 24 25-7-2018   |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 49,0000        | P                 | EUR               | 0,5200 | 0,5200 | 0,5200 | -           | 1      | 0,5200     | 0,5100 |              | 1             | 2                  | 118 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 50,0000        | C                 | EUR               | 3,4000 | 3,8600 | 3,4000 | -           | 4      | 3,6000     | 3,5100 |              | 4             | 31                 | 346 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 50,0000        | P                 | EUR               | 0,7600 | 0,7600 | 0,6800 | -           | 5      | 0,7200     | 0,6900 |              | 1             | 15                 | 2406 25-7-2018 |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 51,0000        | C                 | EUR               | 2,7000 | 2,9200 | 2,7000 | -           | 4      | 2,9000     | 2,7600 |              | 3             | 6                  | 185 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 51,0000        | P                 | EUR               | 1,0300 | 1,0300 | 0,9400 | -           | 4      | 0,9600     | 0,9400 |              | 1             | 22                 | 127 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 52,0000        | C                 | EUR               | 2,0200 | 2,3200 | 2,0200 | -           | 4      | 2,1600     | 2,1000 |              | 2             | 10                 | 444 25-7-2018  |
| O                | RND                       | RANDSTAD NV                      | 21-9-2018   | 52,0000        | 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                | RND                       | RANDSTAD NV     | 21-9-2018   | 58,0000        | C                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2100     | 0    | 1            | 1307          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 58,0000        | P                 | EUR               | 5,3500 | 5,3500 | 5,3500 | 1           | 5,3500 | 5,4000     | 5    | 10           | 189           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 60,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 1            | 686           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 60,0000        | P                 | EUR               | 7,2000 | 7,2000 | 7,1500 | 2           | 7,1500 | 7,2500     | 7    | 11           | 132           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 65,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     | 0    | 1            | 167           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1900    | 12   | 0            | 27            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 3           | 0,0200 | 0,0100     | 0    | 30           | 301           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1900    | 17   | 0            | 50            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 25            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1900    | 27   | 0            | 20            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-9-2018   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,2000    | 37   | 0            | 20            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0600     | 9    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 13            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2000     | 7    | 0            | 20            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 23            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     | 5    | 0            | 5             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 31            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     | 5    | 0            | 2             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 10            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 4             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     | 3    | 0            | 60            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 51,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,2600 | 3           | 1,2600 | 1,2700     | 1    | 5            | 17            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 15            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 41            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 54,0000        | C                 | EUR               | 1,4200 | 1,5300 | 1,4200 | 2           | 1,5300 | 1,4300     | 1    | 2            | 46            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 3             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 56,0000        | C                 | EUR               | 0,7600 | 0,7700 | 0,7600 | 2           | 0,7700 | 0,7700     | 1    | 2            | 18            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 56,0000        | P                 | EUR               | 3,9000 | 3,9000 | 3,9000 | 1           | 3,9000 | 3,9600     | 4    | 3            | 10            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 58,0000        | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 2           | 0,4600 | 0,3900     | 0    | 39           | 43            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     | 6    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 19-10-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     | 7    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9600    | 18   | 0            | 99            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 35,0000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 2           | 0,1300 | 0,1300     | 0    | 20           | 395           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0800    | 13   | 0            | 126           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 40,0000        | P                 | EUR               | 0,2700 | 0,2700 | 0,2400 | 4           | 0,2700 | 0,2600     | 0    | 59           | 562           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4300     | 8    | 0            | 118           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 45,0000        | P                 | EUR               | 0,6600 | 0,6600 | 0,6000 | 4           | 0,6300 | 0,6300     | 1    | 10           | 844           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 371           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 201           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 50,0000        | C                 | EUR               | 4,3800 | 4,4600 | 4,3800 | 2           | 4,4600 | 4,4300     | 4    | 11           | 1259          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 50,0000        | P                 | EUR               | 1,7600 | 1,7600 | 1,6500 | 2           | 1,6500 | 1,6300     | 2    | 2            | 1273          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 1134          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 52,0000        | P                 | EUR               | 2,3200 | 2,3300 | 2,3200 | 2           | 2,3300 | 2,3700     | 2    | 4            | 445           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 54,0000        | C                 | EUR               | 2,2400 | 2,3300 | 2,1800 | 9           | 2,2000 | 2,1600     | 2    | 95           | 1136          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 54,0000        | P                 | EUR               | 3,2800 | 3,3500 | 3,2800 | 5           | 3,3100 | 3,3500     | 3    | 74           | 454           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 55,0000        | C                 | EUR               | 1,7100 | 1,7800 | 1,7000 | 4           | 1,7700 | 1,7400     | 2    | 69           | 1252          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 55,0000        | P                 | EUR               | 3,9500 | 3,9500 | 3,8000 | 3           | 3,8000 | 3,9500     | 4    | 23           | 817           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 56,0000        | C                 | EUR               | 1,5000 | 1,5500 | 1,4200 | 4           | 1,4400 | 1,3900     | 1    | 64           | 520           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 56,0000        | P                 | EUR               | 4,5100 | 4,5900 | 4,5100 | 3           | 4,5700 | 4,6000     | 5    | 14           | 248           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 58,0000        | C                 | EUR               | 0,9100 | 0,9500 | 0,9100 | 2           | 0,9500 | 0,8600     | 1    | 3            | 900           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 58,0000        | P                 | EUR               | 5,9500 | 5,9500 | 5,9500 | 1           | 5,9500 | 6,0800     | 6    | 10           | 849           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 60,0000        | C                 | EUR               | 0,6000 | 0,6100 | 0,5100 | 6           | 0,5100 | 0,5300     | 1    | 12           | 1016          | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 60,0000        | P                 | EUR               | 7,7000 | 7,7000 | 7,7000 | 1           | 7,7000 | 7,7800     | 8    | 3            | 456           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 65,0000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 2           | 0,1800 | 0,1500     | 0    | 11           | 238           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3900    | 12   | 0            | 108           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 380           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2900    | 17   | 0            | 264           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 228           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,2200    | 27   | 0            | 221           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 16            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,2100    | 37   | 0            | 2             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0600    | 18   | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 126           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3000    | 13   | 0            | 174           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 40,0000        | P                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,5000     | 1    | 4            | 320           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8700     | 9    | 0            | 40            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 178           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 15            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 48,0000        | P                 | EUR               | 1,7400 | 1,7400 | 1,7400 | 1           | 1,7400 | 1,7200     | 2    | 4            | 58            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1100     | 5    | 0            | 209           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 50,0000        | P                 | EUR               | 2,3200 | 2,3200 | 2,3200 | 1           | 2,3200 | 2,3400     | 2    | 3            | 58            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     | 4    | 0            | 113           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 52,0000        | P                 | EUR               | 3,1000 | 3,1000 | 3,1000 | 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                | RND                       | RANDSTAD NV                     | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     | 8    | 0            | 60            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 36            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4200    | 17   | 0            | 30            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,3200    | 27   | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 10            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,2500    | 37   | 0            | 50            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 35,0000        | C                 | EUR               | 18,1000 | 18,1000 | 18,1000 | 1           | 18,1000 | 18,0300    | 18   | 1            | 21            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     | 1    | 0            | 36            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3300    | 13   | 0            | 279           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 40,0000        | P                 | EUR               | 1,0600  | 1,0900  | 1,0100  | 5           | 1,0400  | 1,0300     | 1    | 12           | 458           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0000     | 9    | 0            | 125           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 45,0000        | P                 | EUR               | 2,1400  | 2,1400  | 2,1400  | 1           | 2,1400  | 2,0200     | 2    | 10           | 561           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 48,0000        | C                 | EUR               | 7,0000  | 7,0000  | 7,0000  | 1           | 7,0000  | 6,7200     | 7    | 5            | 30            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0000     | 3    | 0            | 7             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3600     | 5    | 0            | 708           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8200     | 4    | 0            | 405           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2000     | 4    | 0            | 23            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8000     | 5    | 0            | 3             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2100     | 3    | 0            | 12            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9600     | 6    | 0            | 7             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8000     | 3    | 0            | 838           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 55,0000        | P                 | EUR               | 6,5500  | 6,5500  | 6,5000  | 2           | 6,5000  | 6,6100     | 7    | 15           | 235           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4200     | 2    | 0            | 38            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2600     | 7    | 0            | 22            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 446           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3500    | 10   | 0            | 216           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 63            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,4700    | 19   | 0            | 11            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 55            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,2700    | 29   | 0            | 98            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1600    | 18   | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8700     | 1    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,5800    | 14   | 0            | 42            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6300     | 2    | 0            | 220           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4500     | 9    | 0            | 261           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9500     | 3    | 0            | 325           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1100     | 6    | 0            | 774           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9100     | 5    | 0            | 352           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6100     | 4    | 0            | 332           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 55,0000        | P                 | EUR               | 7,4000  | 7,4500  | 7,4000  | 2           | 7,4500  | 7,6400     | 8    | 25           | 338           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0200     | 2    | 0            | 671           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 60,0000        | P                 | EUR               | 11,1200 | 11,1200 | 11,1200 | 1           | 11,1200 | 11,1800    | 11   | 2            | 345           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6100     | 1    | 0            | 167           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9000    | 20   | 0            | 32            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 79            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,4900    | 29   | 0            | 68            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0600    | 18   | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4700     | 1    | 0            | 0             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6300    | 14   | 0            | 6             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6100     | 3    | 0            | 42            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 45,0000        | C                 | EUR               | 9,8500  | 9,8500  | 9,8500  | 1           | 9,8500  | 9,6700     | 10   | 10           | 24            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3100     | 4    | 0            | 26            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4400     | 6    | 0            | 132           | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6200     | 7    | 0            | 10            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 55,0000        | C                 | EUR               | 3,8600  | 3,8600  | 3,8600  | 1           | 3,8600  | 4,0000     | 4    | 10           | 34            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 55,0000        | P                 | EUR               | 9,4800  | 9,4800  | 9,4800  | 1           | 9,4800  | 9,6400     | 10   | 10           | 56            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 60,0000        | C                 | EUR               | 2,5000  | 2,5200  | 2,5000  | 2           | 2,5200  | 2,4500     | 2    | 2            | 90            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 60,0000        | P                 | EUR               | 13,2200 | 13,2200 | 13,2200 | 1           | 13,2200 | 13,3300    | 13   | 2            | 70            | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 5             | 25-7-2018          |
| O                | RND                       | RANDSTAD NV                     | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,5000    | 32   | 0            | 65            | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 338,1200   | 338  | 0            | 0             | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 338,3100   | 338  | 0            | 0             | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 338,4700   | 338  | 0            | 0             | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 338,8700   | 339  | 0            | 0             | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 339,4700   | 339  | 0            | 0             | 25-7-2018          |
| F                | RO6                       | Rentokil Initial - Stock Future | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 340,2600   | 340  | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7612    | 17   | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7554    | 17   | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7508    | 17   | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7404    | 17   | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3099    | 16   | 0            | 0             | 25-7-2018          |
| F                | RP6                       | Repsol SA - Stock Future        | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7871    | 16   | 0            | 0             | 25-7-2018          |
| F                | RP8                       | Repsol - Dividend Future        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8730     | 1    | 0            | 0             | 25-7-2018          |
| F                | RP8                       | Repsol - Dividend Future        | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | RP8                       | Repsol - Dividend Future        | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | RP8                       | Repsol - Dividend Future        | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     | 1    | 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                | RR6                       | Rolls-Royce Holdings - Stock Future    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 990,5100   | 991    | 0            | 0             | 25-7-2018          |           |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 990,9800   | 991    | 0            | 0             | 25-7-2018          |           |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 987,5400   | 988    | 0            | 0             | 25-7-2018          |           |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 989,2900   | 989    | 0            | 0             | 25-7-2018          |           |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 984,4900   | 984    | 0            | 0             | 25-7-2018          |           |
| 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            | 0             | 25-7-2018          |           |
| 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            | 0             | 25-7-2018          |           |
| 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            | 0             | 25-7-2018          |           |
| 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            | 0             | 25-7-2018          |           |
| 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            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4077,0900  | 4077   | 0            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4079,4100  | 4079   | 0            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4081,3600  | 4081   | 0            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4086,1400  | 4086   | 0            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3954,4100  | 3954   | 0            | 0             | 25-7-2018          |           |
| F                | RV6                       | Rio Tinto - Stock Future               | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3963,6900  | 3964   | 0            | 0             | 25-7-2018          |           |
| F                | RV8                       | Rio Tinto - Dividend Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 209,7700   | 210    | 0            | 0             | 25-7-2018          |           |
| F                | RV8                       | Rio Tinto - Dividend Future            | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 172,0000   | 172    | 0            | 0             | 25-7-2018          |           |
| F                | RV8                       | Rio Tinto - Dividend Future            | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 172,0000   | 172    | 0            | 0             | 25-7-2018          |           |
| F                | RV8                       | Rio Tinto - Dividend Future            | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 172,0000   | 172    | 0            | 0             | 25-7-2018          |           |
| F                | RV8                       | Rio Tinto - Dividend Future            | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 172,0000   | 172    | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,9650    | 22     | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,9574    | 22     | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,9514    | 22     | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,9377    | 22     | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,9210    | 22     | 0            | 0             | 25-7-2018          |           |
| F                | RW6                       | RWE AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 21,2067    | 21     | 0            | 0             | 25-7-2018          |           |
| F                | RW8                       | RWE - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,4760     | 0      | 0            | 0             | 25-7-2018          |           |
| F                | RW8                       | RWE - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1      | 0            | 0             | 25-7-2018          |           |
| F                | RW8                       | RWE - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1      | 0            | 0             | 25-7-2018          |           |
| F                | RW8                       | RWE - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1      | 0            | 0             | 25-7-2018          |           |
| F                | RW8                       | RWE - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1      | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 238,1944   | 238    | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 238,1067   | 238    | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 237,9763   | 238    | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 237,7706   | 238    | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 230,5228   | 231    | 0            | 0             | 25-7-2018          |           |
| F                | RX6                       | Roche Holding - Stock Future           | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 230,1956   | 230    | 0            | 0             | 25-7-2018          |           |
| F                | RX8                       | Roche Holding - Dividend Future        | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,3000     | 8      | 0            | 0             | 25-7-2018          |           |
| F                | RX8                       | Roche Holding - Dividend Future        | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9      | 0            | 0             | 25-7-2018          |           |
| F                | RX8                       | Roche Holding - Dividend Future        | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,7000     | 9      | 0            | 0             | 25-7-2018          |           |
| F                | RX8                       | Roche Holding - Dividend Future        | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     | 9      | 0            | 0             | 25-7-2018          |           |
| F                | RX8                       | Roche Holding - Dividend Future        | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     | 9      | 0            | 0             | 25-7-2018          |           |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,8173    | 12     | 0            | 0             | 25-7-2018          |           |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,8132    | 12     | 0            | 250           | 0                  | 25-7-2018 |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,8100    | 12     | 0            | 0             | 25-7-2018          |           |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,8026    | 12     | 0            | 0             | 25-7-2018          |           |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,7936    | 12     | 0            | 0             | 25-7-2018          |           |
| F                | SB6                       | SBM Offshore NV - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 11,6858    | 12     | 0            | 0             | 25-7-2018          |           |
| F                | SB8                       | SBM Offshore - Dividend Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2019     | 0      | 0            | 0             | 25-7-2018          |           |
| F                | SB8                       | SBM Offshore - Dividend Future         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 0             | 25-7-2018          |           |
| F                | SB8                       | SBM Offshore - Dividend Future         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 0             | 25-7-2018          |           |
| F                | SB8                       | SBM Offshore - Dividend Future         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 0             | 25-7-2018          |           |
| F                | SB8                       | SBM Offshore - Dividend Future         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0      | 0            | 0             | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 8,8000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3      | 0            | 10            | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 8,8000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 1             | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 9,2000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3      | 0            | 20            | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 9,2000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 43            | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 9,6000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2      | 0            | 10            | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 9,6000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0      | 0            | 383           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 10,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2      | 0            | 160           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 10,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 1      | 0,0600     | 0,0500 | 0            | 10            | 272                | 25-7-2018 |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 10,5000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1      | 0            | 8             | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 10,5000        | P                 | EUR               | 0,1100   | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1100     | 0      | 25           | 305           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 11,0000        | C                 | EUR               | 1,0500   | 1,0500 | 1,0500 | 2           | 1,0500 | 1,0300     | 1      | 5            | 247           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 11,0000        | P                 | EUR               | 0,2300   | 0,2300 | 0,2000 | 5           | 0,2000 | 0,2000     | 0      | 50           | 1229          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 11,5000        | C                 | EUR               | 0,7000   | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6800     | 1      | 1            | 853           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 11,5000        | P                 | EUR               | 0,3600   | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3600     | 0      | 13           | 787           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 12,0000        | C                 | EUR               | 0,3800   | 0,4100 | 0,3800 | 6           | 0,4100 | 0,4100     | 0      | 65           | 1236          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 12,0000        | P                 | EUR               | 0,6500   | 0,6500 | 0,5500 | 4           | 0,5500 | 0,6000     | 1      | 33           | 1202          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 12,5000        | C                 | EUR               | 0,2100   | 0,2200 | 0,2100 | 2           | 0,2200 | 0,2300     | 0      | 37           | 534           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 12,5000        | P                 | EUR               | 0,9500   | 0,9500 | 0,9500 | 1           | 0,9500 | 0,8900     | 1      | 10           | 1096          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 13,0000        | C                 | EUR               | 0,1100   | 0,1300 | 0,1100 | 4           | 0,1200 | 0,1200     | 0      | 13           | 1044          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 13,0000        | P                 | EUR               | 1,4500   | 1,4500 | 1,3500 | 3           | 1,3500 | 1,2900     | 1      | 7            | 1180          | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 13,5000        | C                 | EUR               | 0,0500   | 0,0600 | 0,0500 | 3           | 0,0600 | 0,0600     | 0      | 3            | 419           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 13,5000        | P                 | EUR               | 1,7000   | 1,7000 | 1,7000 | 1           | 1,7000 | 1,7400     | 2      | 5            | 695           | 25-7-2018          |           |
| O                | SBM                       | SBM Offshore NV                        | 17-8-2018   | 14,0000        | 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                | SBM                       | SBM Offshore NV | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     |      | 5            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1800     |      | 6            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 17            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 94            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |      | 3            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 15            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 29            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 9,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 4             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 10,0000        | C                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 1,9800     |      | 2            | 1             | 174 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 324           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 10,5000        | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2500     |      | 0            | 1             | 168 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 482 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 11,0000        | P                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,3700     |      | 0            | 10            | 614 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 11,5000        | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 2           | 0,8000 | 0,8500     |      | 1            | 4             | 28 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 11,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5500     |      | 1            | 1             | 124 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 12,0000        | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6000     |      | 1            | 1             | 913 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 12,0000        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,8000     |      | 1            | 10            | 1668 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 409 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 233 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 13,0000        | C                 | EUR               | 0,2300 | 0,2500 | 0,2300 | 2           | 0,2500 | 0,2600     |      | 0            | 11            | 2287 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 13,0000        | P                 | EUR               | 1,4700 | 1,4700 | 1,4700 | 1           | 1,4700 | 1,4400     |      | 1            | 3             | 4367 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 4127 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 13,5000        | P                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,8400     |      | 2            | 10            | 4250 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 4818 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 0             | 2601 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 51 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 59 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 2694 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 4670 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 1337 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     |      | 4            | 0             | 408 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 4870 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |      | 5            | 0             | 121 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 345 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1900     |      | 6            | 0             | 101 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 24 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1900     |      | 8            | 0             | 95 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 21-9-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1900    |      | 10           | 0             | 32 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 10,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2200     |      | 0            | 4             | 4 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 11,0000        | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5100     |      | 1            | 2             | 2 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 15 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 12,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7300     |      | 1            | 3             | 3 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 3 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 9 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 19-10-2018  | 15,0000        | P                 | EUR               | 3,3000 | 3,3000 | 3,3000 | 1           | 3,3000 | 3,2700     |      | 3            | 2             | 2 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     |      | 5            | 0             | 0 25-7-2018        |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 149           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 4            | 0             | 24 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 71 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 9,0000         | C                 | EUR               | 3,0500 | 3,0500 | 3,0500 | 1           | 3,0500 | 3,0600     |      | 3            | 1             | 405 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 58 25-7-2018       |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 10,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 1           | 2,2500 | 2,2100     |      | 2            | 1             | 733 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 10,0000        | P                 | EUR               | 0,3900 | 0,4000 | 0,3900 | 2           | 0,4000 | 0,4000     |      | 0            | 15            | 1593 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     |      | 2            | 0             | 382 25-7-2018      |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 1035 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 12,0000        | C                 | EUR               | 0,9200 | 0,9500 | 0,9200 | 4           | 0,9500 | 0,9500     |      | 1            | 13            | 3217 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 12,0000        | P                 | EUR               | 1,1500 | 1,2000 | 1,1500 | 7           | 1,1500 | 1,1500     |      | 1            | 55            | 3279 25-7-2018     |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 13,0000        | 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                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 769           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     | 5    | 0            | 180           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 5608          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2400     | 6    | 0            | 502           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 608           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2200     | 8    | 0            | 501           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2100    | 10   | 0            | 53            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     | 5    | 0            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 33            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0100     | 4    | 0            | 11            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 70            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     | 3    | 0            | 289           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 51            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 288           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 1130          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 11,0000        | C                 | EUR               | 1,7000 | 1,7000 | 1,7000 | 1           | 1,7000 | 1,7600     | 2    | 5            | 240           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 11,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 2           | 0,8500 | 0,9200     | 1    | 6            | 125           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 12,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,2000 | 2           | 1,2000 | 1,2000     | 1    | 20           | 866           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 12,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 2           | 1,4500 | 1,4000     | 1    | 29           | 380           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 13,0000        | C                 | EUR               | 0,8000 | 0,8500 | 0,8000 | 2           | 0,8500 | 0,8000     | 1    | 4            | 936           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 650           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 1299          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 14,0000        | P                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 1           | 2,7500 | 2,7400     | 3    | 25           | 504           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 1071          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 277           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 16,0000        | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2400     | 0    | 25           | 137           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 179           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 18,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 10           | 109           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     | 6    | 0            | 18            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 31            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2400     | 8    | 0            | 100           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 57            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2400    | 10   | 0            | 128           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     | 5    | 0            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 1             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     | 4    | 0            | 366           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 187           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 88            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 6             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     | 3    | 0            | 1864          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 10,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8000     | 1    | 7            | 1343          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 173           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 550           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 12,0000        | C                 | EUR               | 1,4200 | 1,4500 | 1,4200 | 3           | 1,4500 | 1,4300     | 1    | 6            | 1828          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 12,0000        | P                 | EUR               | 1,7200 | 1,7200 | 1,7200 | 1           | 1,7200 | 1,7000     | 2    | 3            | 671           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 13,0000        | C                 | EUR               | 1,0000 | 1,0500 | 1,0000 | 2           | 1,0500 | 1,0300     | 1    | 34           | 315           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     | 2    | 0            | 348           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 14,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 11          | 0,7500 | 0,7300     | 1    | 72           | 2598          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 14,0000        | P                 | EUR               | 3,1000 | 3,1000 | 3,1000 | 6           | 3,1000 | 3,0500     | 3    | 60           | 2081          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 15,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5200 | 2           | 0,5200 | 0,5300     | 1    | 2            | 24            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     | 4    | 0            | 13            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 16,0000        | C                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,3700     | 0    | 3            | 1375          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     | 5    | 0            | 1196          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 18,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 2           | 0,2000 | 0,2000     | 0    | 7            | 895           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5400     | 7    | 0            | 174           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 111           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     | 8    | 0            | 214           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 33            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3900    | 10   | 0            | 641           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 8,0000         | C                 | EUR               | 4,2500 | 4,2500 | 4,2000 | 4           | 4,2500 | 4,2600     | 4    | 80           | 143           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 8,0000         | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5100     | 1    | 2            | 230           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 0             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 9,0000         | P                 | EUR               | 0,8000 | 0,8000 | 0,7500 | 2           | 0,7500 | 0,7700     | 1    | 3            | 12            | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 10,0000        | C                 | EUR               | 2,9000 | 2,9000 | 2,8000 | 3           | 2,9000 | 2,8600     | 3    | 22           | 1005          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 10,0000        | P                 | EUR               | 1,1500 | 1,2000 | 1,1500 | 4           | 1,1500 | 1,1500     | 1    | 102          | 593           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 1170          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 12,0000        | P                 | EUR               | 2,1000 | 2,1000 | 2,1000 | 1           | 2,1000 | 2,1200     | 2    | 1            | 613           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 1166          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 471           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 16,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,6900 | 3           | 0,7000 | 0,7300     | 1    | 1005         | 2642          | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     | 5    | 0            | 315           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 217           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     | 7    | 0            | 8             | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 306           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6400     | 9    | 0            | 488           | 25-7-2018          |
| O                | SBM                       | SBM Offshore NV | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4600     | 4    | 0            | 59</          |                    |



| 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   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,8500     |      | 4            | 0             | 192 25-7-2018      |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,0000     |      | 1            | 0             | 297 25-7-2018      |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 5,4000     |      | 5            | 0             | 44 25-7-2018       |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,5100     |      | 1            | 0             | 65 25-7-2018       |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,8900     |      | 9            | 0             | 115 25-7-2018      |
| F                | SF6                       | Software AG - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,9907    |      | 41           | 0             | 0 25-7-2018        |
| F                | SF6                       | Software AG - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,9766    |      | 41           | 0             | 0 25-7-2018        |
| F                | SF6                       | Software AG - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,9652    |      | 41           | 0             | 0 25-7-2018        |
| F                | SF6                       | Software AG - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,9398    |      | 41           | 0             | 0 25-7-2018        |
| F                | SF6                       | Software AG - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,9085    |      | 41           | 0             | 0 25-7-2018        |
| F                | SF6                       | Software AG - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 40,8813    |      | 41           | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1321,4600  |      | 1321         | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1322,2100  |      | 1322         | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1313,1900  |      | 1313         | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1314,7200  |      | 1315         | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1317,0500  |      | 1317         | 0             | 0 25-7-2018        |
| F                | SH6                       | Smith & Nephew - Stock Future | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1303,5400  |      | 1304         | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 117,5933   |      | 118          | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 117,5527   |      | 118          | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 117,5203   |      | 118          | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 117,4473   |      | 117          | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 114,1589   |      | 114          | 0             | 0 25-7-2018        |
| F                | SI6                       | Siemens AG - Stock Record     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 114,0833   |      | 114          | 0             | 0 25-7-2018        |
| F                | SI8                       | Siemens - Dividend Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,7000     |      | 4            | 0             | 0 25-7-2018        |
| F                | SI8                       | Siemens - Dividend Future     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,9250     |      | 4            | 0             | 0 25-7-2018        |
| F                | SI8                       | Siemens - Dividend Future     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,9250     |      | 4            | 0             | 0 25-7-2018        |
| F                | SI8                       | Siemens - Dividend Future     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,5000     |      | 4            | 0             | 0 25-7-2018        |
| F                | SI8                       | Siemens - Dividend Future     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,5000     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,8000     |      | 5            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,8000     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,8200     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,8700     |      | 2            | 0             | 6 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0700     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,4200     |      | 1            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,9400     |      | 1            | 0             | 2 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1500     |      | 0            | 19            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,5100     |      | 1            | 0             | 6 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2200     |      | 0            | 11            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2600     |      | 0            | 32            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,4600     |      | 0            | 45            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1700     |      | 0            | 7             | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,8700     |      | 1            | 0             | 40 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1100     |      | 0            | 43            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,3200     |      | 1            | 0             | 12 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0700     |      | 0            | 65            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,7700     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0500     |      | 0            | 10            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,2500     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,2200     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,2100     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,8400     |      | 5            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0400     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,9100     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,9200     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1200     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,9700     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1800     |      | 0            | 40            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,5500     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2600     |      | 0            | 5             | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,1900     |      | 1            | 0             | 18 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,3900     |      | 0            | 15            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,8700     |      | 1            | 0             | 16 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 17,5000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | -           | 1 0,5500 | 0,5800     |      | 1            | 3             | 22 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,6300     |      | 1            | 0             | 19 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,8400     |      | 1            | 0             | 21 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,4300     |      | 0            | 38            | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,1400     |      | 1            | 0             | 22 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,3200     |      | 0            | 4             | 25-7-2018          |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,5300     |      | 2            | 0             | 11 25-7-2018       |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1500     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIF                       | Sif Holding - Stock Option    | 21-9-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,3600     |      | 2            | 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                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 104,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 277 25-7-2018      |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 105,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,2500    |      | 14           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 105,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 142 25-7-2018      |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 106,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,4300    |      | 13           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 106,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 59 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 108,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,8100    |      | 12           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 108,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 257 25-7-2018      |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,2900    |      | 10           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 0             | 125 25-7-2018      |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 112,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     |      | 9            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 112,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     |      | 3            | 0             | 68 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 114,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5600     |      | 8            | 0             | 30 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 114,0000       | P                 | EUR               | 3,9000  | 3,9000 | 3,9000 | 1           | 3,9000 | 4,1000     |      | 4            | 0             | 77 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 115,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 115,0000       | P                 | EUR               | 4,2800  | 4,2800 | 4,2800 | 1           | 4,2800 | 4,5000     |      | 5            | 1             | 26 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 116,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     |      | 6            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 116,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,9200     |      | 5            | 0             | 8 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 118,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 118,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     |      | 6            | 0             | 10 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,3200     |      | 4            | 0             | 44 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     |      | 7            | 0             | 20 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 125,0000       | C                 | EUR               | 2,7700  | 2,7700 | 2,7700 | 1           | 2,7700 | 2,5200     |      | 3            | 1             | 30 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 125,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,0800    |      | 10           | 0             | 1 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 7 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,9600    |      | 14           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 135,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 135,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,3300    |      | 18           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 22,9900    |      | 23           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 32,7600    |      | 33           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 42,6800    |      | 43           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 200,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 82,6700    |      | 83           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 32,8200    |      | 33           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9000    |      | 30           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 27,9700    |      | 28           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 92,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 26,0800    |      | 26           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 92,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 5 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 96,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 22,3500    |      | 22           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 96,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 98,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 20,5300    |      | 21           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 98,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,7600    |      | 19           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 1 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 102,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 17,0500    |      | 17           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 102,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 104,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 15,3500    |      | 15           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 104,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 1 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,5700    |      | 15           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 106,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,7600    |      | 14           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 106,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 108,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,2500    |      | 12           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 108,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     |      | 4            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,7900    |      | 11           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 110,0000       | P                 | EUR               | 5,0000  | 5,0000 | 5,0000 | 1           | 5,0000 | 5,0900     |      | 5            | 1             | 9 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 112,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,4500     |      | 9            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 112,0000       | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9300     |      | 6            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 114,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,1700     |      | 8            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 114,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     |      | 7            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 115,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     |      | 8            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 115,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     |      | 7            | 0             | 1 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 116,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,0400     |      | 7            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 116,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,8400     |      | 8            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 118,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,9700     |      | 6            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 118,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     |      | 9            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 56 25-7-2018       |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,1700    |      | 10           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 125,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 125,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,6300    |      | 14           | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 130,0000       | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 0 25-7-2018        |
| O                | SIQ                       | Siemens - Stock Option | 15-3-2019   | 130,0000       | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 17,5900    |      | 18           | 0             | 0 25-7-2018        |



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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                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8300    |      | 25           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,6900    |      | 33           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,4100    |      | 41           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,8500    |      | 51           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1100    |      | 90           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,6500    |      | 58           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,4600    |      | 38           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     |      | 5            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4600    |      | 29           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5600     |      | 7            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,2900    |      | 25           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8400     |      | 8            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5400    |      | 22           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     |      | 10           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1100    |      | 18           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    |      | 12           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1100    |      | 15           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7800    |      | 14           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5800    |      | 13           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4900    |      | 16           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2800    |      | 10           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,3900    |      | 19           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     |      | 7            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,0900    |      | 26           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     |      | 4            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,6900    |      | 34           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,0800    |      | 42           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,3400    |      | 51           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1100    |      | 90           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,4300    |      | 38           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     |      | 6            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4600    |      | 29           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5600     |      | 9            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,6400    |      | 22           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9600    |      | 12           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3300    |      | 18           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1600    |      | 14           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4200    |      | 15           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6700    |      | 17           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7800    |      | 13           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4100    |      | 19           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6300    |      | 11           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5200    |      | 23           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     |      | 7            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,3800    |      | 29           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     |      | 5            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,1200    |      | 37           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,8500    |      | 55           | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 25-7-2018          |
| O                | SIQ                       | Siemens - Stock Option             | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,4500    |      | 93           | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 17-8-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 326,3100   |      | 326          | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 21-9-2018   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 326,5000   |      | 327          | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 19-10-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 325,6600   |      | 327          | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 325,0400   |      | 324          | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 324,5100   |      | 325          | 0             | 25-7-2018          |
| F                | SI6                       | Sainsbury (J) - Stock Future       | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 317,8600   |      | 318          | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1607    |      | 41           | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1465    |      | 41           | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1351    |      | 41           | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1095    |      | 41           | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0782    |      | 41           | 0             | 25-7-2018          |
| F                | SL6                       | Salzgitter AG - Stock Future       | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5509    |      | 41           | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 29,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 1152 25-7-2018     |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 29,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 5             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     |      | 5            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 33,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 29            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 33,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 20            | 25-7-2018          |
| O                | SLG                       |                                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 37,2000        | C                 | EUR               | 0,4000 | 0,5000 | 0,4000 | 2           | 0,5000 | 0,3100     | 0    | 20           | 103           | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 37,2000        | P                 | EUR               | 0,9000 | 0,9000 | 0,8000 | 5           | 0,8000 | 1,3200     | 1    | 55           | 381           | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 38,0300        | C                 | EUR               | 0,1700 | 0,1800 | 0,1700 | 2           | 0,1800 | 0,1300     | 0    | 20           | 53            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 38,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     | 2    | 0            | 68            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 38,8600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 38,8600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 39,6900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 39,6900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 41,3400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 41,3400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1500     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 42,9900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2232          | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 17-8-2018   | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     | 7    | 0            | 2226          | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 29,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     | 6    | 0            | 56            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 29,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 10            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 33,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     | 3    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 33,0700        | P                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 1           | 0,2700 | 0,3500     | 0    | 5            | 30            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 34,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 84            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 34,7200        | P                 | EUR               | 0,7500 | 0,7500 | 0,6000 | 4           | 0,6000 | 0,7300     | 1    | 4            | 60            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 35,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 41            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 35,5500        | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 2           | 0,9500 | 1,0500     | 1    | 20           | 38            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 36,3800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 45            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 36,3800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 51            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 37,2000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,7200     | 1    | 2            | 56            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 37,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 53            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 38,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 114           | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 38,0300        | P                 | EUR               | 2,1000 | 2,1000 | 2,1000 | 1           | 2,1000 | 2,6800     | 3    | 2            | 234           | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 38,8600        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,2400     | 0    | 3            | 45            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 38,8600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 46            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 39,6900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 46            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 39,6900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     | 4    | 0            | 29            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 41,3400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 41,3400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     | 6    | 0            | 81            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 42,9900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3400     | 7    | 0            | 302           | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     | 8    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2400     | 6    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 33,0700        | C                 | EUR               | 3,7500 | 3,7500 | 3,7500 | 1           | 3,7500 | 3,4000     | 3    | 1            | 3             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 33,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 2             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 34,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 34,7200        | P                 | EUR               | 0,9500 | 0,9500 | 0,8000 | 4           | 0,8000 | 0,9800     | 1    | 8            | 8             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 36,3800        | C                 | EUR               | 1,4500 | 1,4500 | 1,3500 | 2           | 1,3500 | 1,1100     | 1    | 4            | 27            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 36,3800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 2             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 37,2000        | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 3           | 0,9500 | 0,8300     | 1    | 9            | 10            | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 37,2000        | P                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 2,3200     | 2    | 5            | 7             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 38,0300        | C                 | EUR               | 0,6500 | 0,6500 | 0,6000 | 2           | 0,6000 | 0,5500     | 1    | 2            | 4             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 38,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 39,6900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 39,6900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 41,3400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 41,3400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     | 6    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 42,9900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     | 7    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3900     | 8    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 29,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     | 6    | 0            | 1152          | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 29,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 33,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     | 3    | 0            | 29            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 33,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 20            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 33,9000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2    | 0            | 20            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 33,9000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 34,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 5             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 34,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 40            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 35,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 1             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 35,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 42            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 36,3800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 127           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 36,3800        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,7900     | 1    | 10           | 121           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 37,2000        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,3100     | 0    | 10           | 108           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD           | 17-8-2018   | 37,2000        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 1,3200     | 1    | 55           | 348           | 25-7-2018</        |



| 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                | SLO                       | Silgro Food Group NV OLD    | 17-8-2018   | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     | 7    | 0            | 2226          | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 29,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     | 6    | 0            | 56            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 29,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 10            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 33,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     | 3    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 33,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 10            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 34,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 84            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 34,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 56            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 35,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 41            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 35,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 18            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 36,3800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 45            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 36,3800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 51            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 37,2000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,7200     | 1    | 2            | 49            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 37,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 53            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 38,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 114           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 38,0300        | P                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 2,6800     | 3    | 2            | 244           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 38,8600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 45            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 38,8600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 46            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 39,6900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 46            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 39,6900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     | 4    | 0            | 29            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 41,3400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 41,3400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     | 6    | 0            | 81            | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 42,9900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 21-9-2018   | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3400     | 7    | 0            | 302           | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 31,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     | 5    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 31,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 33,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 1             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 33,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 34,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 34,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 36,3800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 36,3800        | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,7400     | 2    | 1            | 2             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 37,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 37,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 38,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 38,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     | 3    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 39,6900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 39,6900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 41,3400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 41,3400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     | 6    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 42,9900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | SLO                       | Silgro Food Group NV OLD    | 19-10-2018  | 42,9900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     | 7    | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5067    | 15   | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5017    | 15   | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4977    | 14   | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4887    | 14   | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9276    | 14   | 0            | 0             | 25-7-2018          |
| F                | SN6                       | Stora Enso R - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9185    | 14   | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1590,0600  | 1590 | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1590,9600  | 1591 | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1561,7200  | 1562 | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1563,5500  | 1564 | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1566,3200  | 1566 | 0            | 0             | 25-7-2018          |
| F                | SQ6                       | Smiths Group - Stock Future | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1555,8600  | 1556 | 0            | 0             | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 108           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 474           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 488           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1050          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 532           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2228          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1073          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3768          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1622          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 3753          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 951           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1646          | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 399           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 559           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 50            | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 412           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 200           | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 30            | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 85            | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 4-6-2019    | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 10            | 25-7-2018          |
| O                | SR                        | SNS Reaal N.V               | 5-6-2019    | 0,4000         | 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 |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,5785    |      | 38           | 0             | 25-7-2018          |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,5681    |      | 38           | 0             | 25-7-2018          |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,5448    |      | 38           | 0             | 25-7-2018          |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,0623    |      | 37           | 0             | 25-7-2018          |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,0377    |      | 37           | 0             | 25-7-2018          |
| F                | ST8                       | STMicreoelectronics - Dividend Future         | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 25-7-2018          |
| F                | ST8                       | STMicreoelectronics - Dividend Future         | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| F                | ST8                       | STMicreoelectronics - Dividend Future         | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| F                | ST8                       | STMicreoelectronics - Dividend Future         | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| F                | ST8                       | STMicreoelectronics - Dividend Future         | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,2141    |      | 90           | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1962    |      | 90           | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1794    |      | 90           | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1152    |      | 90           | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,0371    |      | 90           | 0             | 25-7-2018          |
| F                | SV6                       | SCA B - Stock Future                          | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2770    |      | 88           | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 678,4800   |      | 678          | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 678,8600   |      | 679          | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 679,1900   |      | 679          | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 679,9900   |      | 680          | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 669,6700   |      | 670          | 0             | 25-7-2018          |
| F                | SK6                       | Standard Chartered - Stock Future             | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 671,2400   |      | 671          | 0             | 25-7-2018          |
| F                | SK8                       | Standard Chartered - Dividend Future          | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 25-7-2018          |
| F                | SK8                       | Standard Chartered - Dividend Future          | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| F                | SK8                       | Standard Chartered - Dividend Future          | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| F                | SK8                       | Standard Chartered - Dividend Future          | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| F                | SK8                       | Standard Chartered - Dividend Future          | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,6826    |      | 77           | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,6561    |      | 77           | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,6350    |      | 77           | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,5874    |      | 77           | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,5289    |      | 77           | 0             | 25-7-2018          |
| F                | SV6                       | Symrise AG - Stock Future                     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,5282    |      | 76           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4572    |      | 12           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4529    |      | 12           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4494    |      | 12           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4417    |      | 12           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4322    |      | 12           | 0             | 25-7-2018          |
| F                | SZ6                       | Suedzucker AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4239    |      | 12           | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3693     |      | 7            | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3668     |      | 7            | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3648     |      | 7            | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1602     |      | 7            | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1547     |      | 7            | 0             | 25-7-2018          |
| F                | TA6                       | Telefonica SA - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9500     |      | 7            | 0             | 25-7-2018          |
| F                | TA8                       | Telefonica - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 25-7-2018          |
| F                | TA8                       | Telefonica - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 25-7-2018          |
| F                | TA8                       | Telefonica - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 25-7-2018          |
| F                | TA8                       | Telefonica - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 25-7-2018          |
| F                | TA8                       | Telefonica - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3974,4000  |      | 3974         | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3976,6500  |      | 3977         | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3929,7500  |      | 3930         | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3934,3500  |      | 3934         | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3892,4300  |      | 3892         | 0             | 25-7-2018          |
| F                | TB6                       | British American Tobacco - Stock Future       | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3847,7300  |      | 3848         | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 320,3902   |      | 320          | 0             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 320,6800   |      | 321          | 0             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 321,1124   |      | 321          | 0             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 320,3056   |      | 320          | 0             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,8508   |      | 320          | 0             | 25-7-2018          |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 319,7602   |      | 320          | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9148    |      | 23           | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9069    |      | 23           | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9006    |      | 23           | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8863    |      | 23           | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6689    |      | 23           | 0             | 25-7-2018          |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6539    |      | 23           | 0             | 25-7-2018          |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 25-7-2018          |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 25-7-2018          |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 25-7-2018          |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 25-7-2018          |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 16-12-2022  | 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                | TI8                       | Telecom Italia - Dividend Future   | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0682    | 41   | 0            | 0             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,0601    | 41   | 0            | 0             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9024    | 40   | 0            | 0             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,8739    | 40   | 0            | 0             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,8393    | 40   | 0            | 0             | 25-7-2018          |
| F                | TJ6                       | Telia Company - Stock Future       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,6629    | 39   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6219    | 14   | 0            | 0             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6172    | 14   | 0            | 0             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6134    | 14   | 0            | 0             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6050    | 14   | 0            | 0             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5946    | 14   | 0            | 0             | 25-7-2018          |
| F                | TK6                       | Deutsche Telekom AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0357    | 13   | 0            | 0             | 25-7-2018          |
| 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           | 25-7-2018          |
| 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            | 25-7-2018          |
| F                | TK8                       | Deutsche Telekom - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2500     | 7    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     | 5    | 0            | 2             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 48,0000        | P                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2200     | 0    | 2            | 28            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 1             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 50            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 51,0000        | P                 | EUR               | 0,7500 | 0,8000 | 0,7500 | 2           | 0,8000 | 0,7400     | 1    | 4            | 11            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 52,0000        | C                 | EUR               | 2,1900 | 2,1900 | 2,1900 | 1           | 2,1900 | 2,2400     | 2    | 1            | 7             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 87            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 35           | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 53,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,5100     | 2    | 5            | 58            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 57            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     | 2    | 0            | 192           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 55,0000        | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,8100     | 1    | 2            | 466           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 32            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 56,0000        | C                 | EUR               | 0,5000 | 0,5500 | 0,5000 | 3           | 0,5500 | 0,5300     | 1    | 8            | 273           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 99            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 39           | 25-7-2018     |                    |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     | 4    | 0            | 12            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 58,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2100     | 0    | 1            | 119           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 71            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 63            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 72           | 25-7-2018     |                    |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     | 7    | 0            | 40            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 12           | 25-7-2018     |                    |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8300     | 9    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 76            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8200    | 11   | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,8200    | 15   | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8200    | 19   | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2500    | 18   | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 44            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3000    | 13   | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 73            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4500     | 8    | 0            | 6             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 205          | 25-7-2018     |                    |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     | 8    | 0            | 0             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 11           | 25-7-2018     |                    |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     | 6    | 0            | 22            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 203           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     | 4    | 0            | 154           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 50,0000        | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 0,9900     | 1    | 2            | 315           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 20            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 36            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 70            | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 52,0000        | P                 | EUR               | 1,7000 | 1,7000 | 1,7000 | 1           | 1,7000 | 1,6200     | 2    | 4            | 175           | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 4             | 25-7-2018          |
| O                | TKG                       | TKH Group NV Std Option            | 21-9-2018   | 53,0000        | 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                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 57,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6100     |      | 5            | 0             | 31 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     |      | 1            | 0             | 131 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4100     |      | 5            | 0             | 54 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 60,0000        | C                 | EUR               | 0,3100  | 0,3100  | 0,3100  | 1           | 0,3100  | 0,3000     |      | 0            | 1             | 248 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1400     |      | 7            | 0             | 116 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 92 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9300    |      | 11           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 66,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 68 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 66,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8800    |      | 13           | 0             | 22 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8600    |      | 15           | 0             | 4 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 85 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8500    |      | 17           | 0             | 10 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8500    |      | 27           | 0             | 86 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-9-2018   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,8500    |      | 37           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6900     |      | 8            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     |      | 1            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9900     |      | 6            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8300     |      | 1            | 0             | 10 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4500     |      | 4            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2900     |      | 1            | 0             | 5 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 51,0000        | C                 | EUR               | 3,7500  | 3,7500  | 3,7500  | 1           | 3,7500  | 3,7900     |      | 4            | 10            | 10 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6300     |      | 2            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1300     |      | 3            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9700     |      | 2            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 53,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6000     |      | 3            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     |      | 2            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     |      | 2            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9800     |      | 3            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3600     |      | 1            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2100     |      | 4            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 58,0000        | C                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 1           | 0,8000  | 0,8300     |      | 1            | 1             | 1 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6800     |      | 6            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     |      | 1            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 19-10-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3700     |      | 7            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,2900    |      | 18           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 20 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 13,0000 | 13,0000 | 13,0000 | 2           | 13,0000 | 13,4700    |      | 13           | 31            | 45 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 0             | 126 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9300     |      | 9            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     |      | 1            | 0             | 91 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5300     |      | 7            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3900     |      | 1            | 0             | 272 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 50,0000        | C                 | EUR               | 5,0500  | 5,0500  | 5,0000  | 2           | 5,0000  | 5,0900     |      | 5            | 20            | 277 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 50,0000        | P                 | EUR               | 2,1000  | 2,1000  | 1,9000  | 6           | 1,9500  | 1,9600     |      | 2            | 10            | 342 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 52,0000        | C                 | EUR               | 3,7000  | 3,9500  | 3,7000  | 5           | 3,8000  | 3,8700     |      | 4            | 41            | 38 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 52,0000        | P                 | EUR               | 2,7000  | 2,7300  | 2,7000  | 4           | 2,7300  | 2,7500     |      | 3            | 9             | 169 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 54,0000        | C                 | EUR               | 2,7000  | 2,9500  | 2,6000  | 11          | 2,9200  | 2,8700     |      | 3            | 18            | 166 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 54,0000        | P                 | EUR               | 3,7500  | 3,7500  | 3,7500  | 1           | 3,7500  | 3,7500     |      | 4            | 10            | 173 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 56,0000        | C                 | EUR               | 2,1000  | 2,1000  | 2,0000  | 3           | 2,1000  | 2,0700     |      | 2            | 14            | 141 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9500     |      | 5            | 0             | 162 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4600     |      | 1            | 0             | 40 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3500     |      | 6            | 0             | 98 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     |      | 1            | 0             | 222 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8700     |      | 8            | 0             | 108 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 64,0000        | C                 | EUR               | 0,4100  | 0,4100  | 0,4100  | 1           | 0,4100  | 0,4500     |      | 0            | 1             | 65 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3400    |      | 11           | 0             | 2 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 66,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 151 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 66,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1900    |      | 13           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 52 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0300    |      | 17           | 0             | 8 25-7-2018        |
| 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 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,9300    |      | 27           | 0             | 0 25-7-2018        |
| 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 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,9300    |      | 37           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,4500    |      | 18           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7700    |      | 14           | 0             | 0 25-7-2018        |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 20 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4100     |      | 9            | 0             | 10 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 45,0000        | P                 | EUR               | 1,4000  | 1,4000  | 1,4000  | 1           | 1,4000  | 1,3000     |      | 1            | 2             | 38 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7800     |      | 6            | 0             | 119 25-7-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 50,0000        | P                 | EUR               | 2,8000  | 2,8500  | 2,8000  | 2           | 2,8500  | 2,6800     |      | 3            | 3             | 44 25-7-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6200     |      | 5            | 0             | 13 25-7-2018       |
| O                | TKG                       | TKH Group NV             |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



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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         | 17-8-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 17-8-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5200    | 16   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 17-8-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 17-8-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5200    | 20   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    | 13   | 0            | 20            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 31            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7600    | 11   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 3             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     | 9    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 27            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0500     | 8    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1800     | 7    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 12            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     | 6    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 135           | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     | 6    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 4             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     | 5    | 0            | 18            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 5             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     | 4    | 0            | 3             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 31            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4    | 0            | 4             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 30            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     | 3    | 0            | 52            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     | 3    | 0            | 9             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     | 2    | 0            | 28            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 20            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 1             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     | 4    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 19            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 10            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 26            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5300     | 7    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 22            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     | 8    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7500    | 12   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 10            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6100    | 16   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-9-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5600    | 20   | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 50,0000        | C                 | EUR               | 7,7000 | 7,7000 | 7,7000 | 1           | 7,7000 | 7,5900     | 8    | 6            | 20            | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     | 6    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     | 5    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     | 4    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     | 4    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3200     | 4    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     | 6    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7000     | 9    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 25-7-2018          |
| O                | TKW                       | Takeaway.com - Stock Option         | 19-10-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1400    | 12   | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 17-8-2018   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 158,5537   | 159  | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 21-9-2018   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 158,6971   | 159  | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 19-10-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,0108   | 155  | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 21-12-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,4055   | 155  | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 15-3-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,9723   | 156  | 0            | 0             | 25-7-2018          |
| F                | TQ6                       | Telenor - Stock Future              | 21-6-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,4299   | 152  | 0            | 0             | 25-7-2018          |
| F                | TQ8                       | Telenor - Dividend Future           | 21-12-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1000     | 8    | 0            | 0             | 25-7-2018          |
| F                | TQ8                       | Telenor - Dividend Future           | 20-12-2019  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3500     | 8    | 0            | 0             | 25-7-2018          |
| F                | TQ8                       | Telenor - Dividend Future           | 18-12-2020  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7200     | 9    | 0            | 0             | 25-7-2018          |
| F                | TQ8                       | Telenor - Dividend Future           | 17-12-2021  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     | 9    | 0            | 0             | 25-7-2018          |
| F                | TQ8                       | Telenor - Dividend Future           | 16-12-2022  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     | 9    | 0            | 0             | 25-7-2018          |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,2943    | 25   | 0            | 0             | 25-7-2018          |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 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 |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | TS6                       | Tenaris SA - Stock Future        | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3357    |      | 15           | 0             | 0 25-7-2018        |
| F                | TS6                       | Tenaris SA - Stock Future        | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0955    |      | 15           | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 0            | 200           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 48            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 201           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 32            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 30            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 40            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 60            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 181           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 457           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,0000         | C                 | EUR               | 1,8500 | 1,9000 | 1,8500 | 3           | 1,9000 | 1,8500     |      | 2            | 13            | 857 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 746           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 550 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 246           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,4000         | C                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,4500     |      | 1            | 1             | 392 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 325           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 240 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 275           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 201 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 457           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,0000         | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8900     |      | 1            | 50            | 435 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 748           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 491 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 679           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,4000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5500     |      | 1            | 50            | 854 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,4000         | P                 | EUR               | 0,0900 | 0,1000 | 0,0900 | 3           | 0,0900 | 0,0900     |      | 0            | 27            | 362 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,6000         | C                 | EUR               | 0,3800 | 0,4000 | 0,3800 | 2           | 0,4000 | 0,4000     |      | 0            | 11            | 661 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,6000         | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 2           | 0,1500 | 0,1500     |      | 0            | 4             | 339 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 1279          | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 8,8000         | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2400     |      | 0            | 10            | 170 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,0000         | C                 | EUR               | 0,1900 | 0,2300 | 0,1900 | 8           | 0,2300 | 0,2000     |      | 0            | 30            | 923 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 149 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,2000         | C                 | EUR               | 0,1500 | 0,1500 | 0,1300 | 3           | 0,1400 | 0,1500     |      | 0            | 16            | 397 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 257 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,6000         | C                 | EUR               | 0,0900 | 0,1000 | 0,0900 | 2           | 0,1000 | 0,0800     |      | 0            | 31            | 492 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 50 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 371 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 17-8-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 394 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     |      | 4            | 0             | 114 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     |      | 4            | 0             | 193 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 21 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 145 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 124 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 442           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 0             | 59 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 910           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     |      | 2            | 0             | 10 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 133 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 445           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,0000         | C                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 3           | 1,9000 | 1,8600     |      | 2            | 26            | 534 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,0000         | P                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 3           | 0,0100 | 0,0100     |      | 0            | 30            | 1015 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 143 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 115           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 40 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 20            | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 515 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,5000         | P                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 2           | 0,0500 | 0,0400     |      | 0            | 2             | 629 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 130 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 111 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 7,8000         | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0700     |      | 0            | 1             | 151 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,0000         | C                 | EUR               | 0,9500 | 1,0000 | 0,9500 | 3           | 1,0000 | 0,9600     |      | 1            | 24            | 2548 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,0000         | P                 | EUR               | 0,1200 | 0,1200 | 0,1100 | 4           | 0,1100 | 0,1100     |      | 0            | 32            | 1761 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 92 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 543           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 332 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 111           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,5000         | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 2           | 0,6000 | 0,6000     |      | 1            | 43            | 3282 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,5000         | P                 | EUR               | 0,2600 | 0,2800 | 0,2500 | 3           | 0,2800 | 0,2500     |      | 0            | 25            | 3598 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 181 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 130           | 25-7-2018          |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,8000         | C                 | EUR               | 0,4100 | 0,4100 | 0,4100 | 2           | 0,4100 | 0,4400     |      | 0            | 7             | 498 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 8,8000         | P                 | EUR               | 0,4200 | 0,4200 | 0,3900 | 2           | 0,3900 | 0,4000     |      | 0            | 30            |                    |



| 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 | 21-9-2018   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 626 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 11,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0700     |      | 0            | 9             | 4000 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 415 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 1448 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 0             | 311 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 332 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     |      | 5            | 0             | 71 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1294 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1600     |      | 7            | 0             | 33 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 2 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 3 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,2000         | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9300     |      | 1            | 75            | 75 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 39 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,4000         | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3400     |      | 0            | 20            | 42 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,6000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 3           | 0,6500 | 0,6700     |      | 1            | 400           | 400 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 7 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,8000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5700     |      | 1            | 15            | 116 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 8,8000         | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5300     |      | 1            | 15            | 15 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 40 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,2000         | C                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,4200     |      | 0            | 20            | 136 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 17 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 12 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-10-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     |      | 5            | 0             | 0 25-7-2018        |
| 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             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     |      | 4            | 0             | 58 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 56 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     |      | 4            | 0             | 35 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 112 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,0000         | C                 | EUR               | 2,9000 | 2,9000 | 2,9000 | 1           | 2,9000 | 2,8700     |      | 3            | 10            | 1620 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0400     |      | 0            | 3             | 6161 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     |      | 2            | 0             | 260 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1699 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,0000         | C                 | EUR               | 1,9500 | 1,9500 | 1,9000 | 3           | 1,9500 | 1,9400     |      | 2            | 30            | 1343 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,0000         | P                 | EUR               | 0,1100 | 0,1200 | 0,1000 | 11          | 0,1000 | 0,1000     |      | 0            | 56            | 4938 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 744 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,5000         | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 3           | 0,1900 | 0,2000     |      | 0            | 15            | 1028 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,0000         | C                 | EUR               | 1,2000 | 1,2500 | 1,2000 | 8           | 1,2100 | 1,1800     |      | 1            | 39            | 2724 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,0000         | P                 | EUR               | 0,3700 | 0,3700 | 0,3300 | 8           | 0,3500 | 0,3400     |      | 0            | 115           | 6490 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,5000         | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,9000     |      | 1            | 10            | 661 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,5000         | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5300     |      | 1            | 8             | 3544 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,0000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 4           | 0,6500 | 0,6700     |      | 1            | 35            | 4559 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,0000         | P                 | EUR               | 0,8000 | 0,8500 | 0,8000 | 2           | 0,8500 | 0,8300     |      | 1            | 16            | 2979 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,5000         | C                 | EUR               | 0,5000 | 0,5000 | 0,4600 | 7           | 0,4600 | 0,4900     |      | 0            | 91            | 2118 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,5000         | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 2           | 1,1500 | 1,1500     |      | 1            | 12            | 595 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 10,0000        | C                 | EUR               | 0,3600 | 0,3800 | 0,3300 | 22          | 0,3800 | 0,3600     |      | 0            | 465           | 9080 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 10,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 3           | 1,5500 | 1,5200     |      | 2            | 30            | 2891 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 912 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 167 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 12,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 3           | 0,1100 | 0,1100     |      | 0            | 21            | 1508 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 12,0000        | P                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 3,2900     |      | 3            | 1             | 630 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1380 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     |      | 5            | 0             | 61 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 3959 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1900     |      | 6            | 0             | 1129 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     |      | 5            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     |      | 4            | 0             | 5 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8700     |      | 4            | 0             | 32 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 65 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 252 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 4 25-7-2018        |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 143 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 99 25-7-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 136 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 1289 25-7-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,5000         | C                 | EUR               | 1,7000 | 1,7500 | 1,7000 | 5           | 1,7000 | 1,6800     |      | 2            | 70            | 226 25-7-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,5000         | P                 | EUR               | 0,3400 | 0,3500 | 0,3400 | 2           | 0,3500 | 0,3400     |      | 0            | 23            | 884 25-7-2018      |
| 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                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 10,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 2           | 0,5000 | 0,5300     |      | 17           | 1523          | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 227                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 381           | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 155                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 380           | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     |      | 5            | 0             | 110                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8700     |      | 5            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     |      | 4            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 100           | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 101                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 75            | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,0000         | C                 | EUR               | 2,9500 | 2,9500 | 2,9500 | 1           | 2,9500 | 2,9500     |      | 3            | 4             | 2167               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,0000         | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 2           | 0,1500 | 0,1400     |      | 0            | 10            | 348                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 162                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 60            | 25-7-2018          |           |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,0000         | C                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 3           | 2,2000 | 2,1800     |      | 2            | 16            | 1333               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,0000         | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3500     |      | 0            | 10            | 847                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     |      | 2            | 0             | 131                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 95                 | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,0000         | C                 | EUR               | 1,5500 | 1,5500 | 1,5000 | 2           | 1,5000 | 1,5300     |      | 2            | 20            | 1075               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,0000         | P                 | EUR               | 0,7000 | 0,7200 | 0,7000 | 3           | 0,7000 | 0,6900     |      | 1            | 50            | 669                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 20                 | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 45                 | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,0000         | C                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 1,0200     |      | 1            | 5             | 1405               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,0000         | P                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 1           | 1,2500 | 1,2000     |      | 1            | 1             | 816                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 1850               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 10,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,8800     |      | 2            | 10            | 1562               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 12,0000        | C                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 1           | 0,2900 | 0,3100     |      | 0            | 3             | 1831               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 973                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     |      | 5            | 0             | 100                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 1087               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 560                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 5,0000         | C                 | EUR               | 4,0000 | 4,0000 | 3,8500 | 2           | 3,8500 | 3,9600     |      | 4            | 2             | 852                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 124                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 6,0000         | C                 | EUR               | 3,0000 | 3,1000 | 3,0000 | 3           | 3,0000 | 3,0900     |      | 3            | 14            | 1270               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 146                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 7,0000         | C                 | EUR               | 2,4500 | 2,4500 | 2,4000 | 3           | 2,4000 | 2,3800     |      | 2            | 4             | 463                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 894                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 1025               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 1073               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 985                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 9,0000         | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,5300     |      | 2            | 10            | 1209               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 10,0000        | C                 | EUR               | 0,9500 | 1,0000 | 0,9000 | 6           | 0,9000 | 0,9700     |      | 1            | 62            | 2021               | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 604                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 251                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 0            | 0             | 253                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 5,0000         | C                 | EUR               | 4,0500 | 4,0500 | 4,0500 | 1           | 4,0500 | 4,0400     |      | 4            | 2             | 301                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 10                 | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 217                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 6,0000         | P                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 1           | 0,4200 | 0,4100     |      | 0            | 1             | 258                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 7,0000         | C                 | EUR               | 2,6500 | 2,6500 | 2,6500 | 1           | 2,6500 | 2,5600     |      | 3            | 5             | 249                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 7,0000         | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 2           | 0,7500 | 0,7400     |      | 1            | 21            | 82                 | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     |      | 2            | 0             | 331                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 300                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 9,0000         | C                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5200     |      | 2            | 20            | 130                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 124                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     |      | 1            | 0             | 192                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 144                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 221                | 25-7-2018 |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5600     |      | 7            | 0             | 82                 | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 223,7800   |      | 224          | 0             | 0                  | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 223,9100   |      | 224          | 0             | 0                  | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 224,0100   |      | 224          | 0             | 0                  | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 224,2800   |      | 224          | 0             | 0                  | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 224,6700   |      | 225          | 0             | 0                  | 25-7-2018 |
| F                | TU6                       | Tullow Oil - Stock Future        | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 225,2000   |      | 225          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,3657   |      | 119          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,3421   |      | 119          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,3198   |      | 119          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,2349   |      | 119          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,1315   |      | 119          | 0             | 0                  | 25-7-2018 |
| F                | TV6                       | Tele2 B - Stock Future           | 21-6-2019   | 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 |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | TW6                       | Tesco - Stock Future                              | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 258,6200   | 259  | 0            | 0             | 25-7-2018          |
| F                | TW6                       | Tesco - Stock Future                              | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 259,2200   | 259  | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6720     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6704     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6691     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5897     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5862     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX6                       | Terna SpA - Stock Future                          | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5831     | 5    | 0            | 0             | 25-7-2018          |
| F                | TX8                       | Terna - Dividend Future                           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2144     | 0    | 0            | 0             | 25-7-2018          |
| F                | TX8                       | Terna - Dividend Future                           | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2209     | 0    | 0            | 0             | 25-7-2018          |
| F                | TX8                       | Terna - Dividend Future                           | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     | 0    | 0            | 0             | 25-7-2018          |
| F                | TX8                       | Terna - Dividend Future                           | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     | 0    | 0            | 0             | 25-7-2018          |
| F                | TX8                       | Terna - Dividend Future                           | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     | 0    | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 17-8-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,8571   | 153  | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 21-9-2018   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,7992   | 153  | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 19-10-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 151,1037   | 151  | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 151,0227   | 151  | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 150,9462   | 151  | 0            | 0             | 25-7-2018          |
| F                | TV6                       | Tryg - Stock Future                               | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 147,5236   | 148  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,1483   | 180  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,1126   | 180  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,0790   | 180  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 179,9508   | 180  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 179,7948   | 180  | 0            | 0             | 25-7-2018          |
| F                | TZ6                       | Trelleborg B - Stock Future                       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,6758   | 175  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,4077   | 186  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,3434   | 186  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,2919   | 186  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,1762   | 186  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,0340   | 186  | 0            | 0             | 25-7-2018          |
| F                | UB6                       | Unibail-Rodamco-Westfield - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 181,1136   | 181  | 0            | 0             | 25-7-2018          |
| F                | UB8                       | Unibail-Rodamco-Westfield - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8000    | 11   | 0            | 0             | 25-7-2018          |
| F                | UB8                       | Unibail-Rodamco-Westfield - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4000    | 11   | 0            | 0             | 25-7-2018          |
| F                | UB8                       | Unibail-Rodamco-Westfield - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3000    | 12   | 0            | 0             | 25-7-2018          |
| F                | UB8                       | Unibail-Rodamco-Westfield - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2000    | 13   | 0            | 0             | 25-7-2018          |
| F                | UB8                       | Unibail-Rodamco-Westfield - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2000    | 13   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4100    | 26   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4700    | 16   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2200     | 7    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 182,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5900     | 6    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 182,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 184,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     | 4    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 184,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 186,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 188,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 188,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     | 5    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 10            | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     | 6    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     | 8    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 196,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 196,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7900     | 10   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 198,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 198,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6900    | 12   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6400    | 14   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6000    | 24   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,6000    | 34   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 17-8-2018   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,6000    | 44   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,3800    | 66   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,3700    | 46   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,5900    | 27   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-9-2018   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1200    |      |              |               |                    |



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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                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5900     | 8    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5600    | 12   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9300     | 4    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,9200    | 18   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7900     | 2    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,8100    | 26   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7900    | 35   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,1500    | 64   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 114,2200   | 114  | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 15-3-2019   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 164,3300   | 164  | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,9000    | 62   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6100     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,8900    | 43   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6600     | 2    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,9400    | 34   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7400     | 3    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,6300    | 26   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4600     | 4    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9700    | 12   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8500    | 11   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2000     | 7    | 0            | 10            | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,1100    | 16   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0200     | 4    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,9600    | 23   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     | 1    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,0100    | 40   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,1800    | 69   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 119,2300   | 119  | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,8100    | 32   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9200     | 6    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,1800    | 24   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3200     | 8    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3300    | 12   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5600    | 17   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2100     | 5    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,5200    | 30   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9100     | 2    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,3000    | 46   | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 0             | 25-7-2018          |
| O                | UB9                       | Unibail-Rodamco-Westfield - European Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,8900   | 125  | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,4500    | 26   | 0            | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 3            | 25-7-2018     |                    |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5800    | 17   | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 170,0000       | P                 | EUR               | 0,1100  | 0,1100  | 0,1100  | 1           | 0,1100  | 0,1300     | 0    | 1            | 43            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 180,0000       | C                 | EUR               | 7,2000  | 7,2000  | 7,2000  | 1           | 7,2000  | 7,1900     | 7    | 3            | 50            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 180,0000       | P                 | EUR               | 0,8100  | 0,8900  | 0,7500  | 4           | 0,8900  | 0,7900     | 1    | 16           | 265           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 182,0000       | C                 | EUR               | 5,2000  | 5,2000  | 5,2000  | 1           | 5,2000  | 5,5800     | 6    | 1            | 13            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 182,0000       | P                 | EUR               | 1,1700  | 1,1700  | 1,1700  | 1           | 1,1700  | 1,1700     | 1    | 2            | 99            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 184,0000       | C                 | EUR               | 4,3800  | 4,3800  | 4,3600  | 2           | 4,3600  | 4,1200     | 4    | 2            | 51            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 184,0000       | P                 | EUR               | 1,6000  | 1,8000  | 1,6000  | 3           | 1,8000  | 1,7200     | 2    | 10           | 2708          | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 186,0000       | C                 | EUR               | 3,1300  | 3,1300  | 3,0600  | 2           | 3,0600  | 2,8900     | 3    | 13           | 52            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 186,0000       | P                 | EUR               | 2,3500  | 2,8200  | 2,3500  | 2           | 2,8200  | 2,4800     | 2    | 2            | 2443          | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 188,0000       | C                 | EUR               | 1,8700  | 2,0500  | 1,8700  | 4           | 1,9000  | 1,8800     | 2    | 10           | 85            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 188,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     | 3    | 0            | 309           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 190,0000       | C                 | EUR               | 1,3200  | 1,3200  | 1,0100  | 15          | 1,0200  | 1,1800     | 1    | 54           | 355           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7600     | 5    | 0            | 276           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 192,0000       | C                 | EUR               | 0,6100  | 0,6100  | 0,6100  | 1           | 0,6100  | 0,6900     | 1    | 137          | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 192,0000       | P                 | EUR               | 5,9500  | 6,5000  | 5,9500  | 2           | 6,5000  | 6,2900     | 6    | 6            | 27            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 194,0000       | C                 | EUR               | 0,3700  | 0,3700  | 0,3100  | 2           | 0,3100  | 0,4100     | 0    | 6            | 90            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 194,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0100     | 8    | 0            | 43            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 196,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 75            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 196,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8400     | 10   | 0            | 23            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 198,0000       | C                 | EUR               | 0,0800  | 0,0800  | 0,0800  | 1           | 0,0800  | 0,1400     | 0    | 1            | 316           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 198,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7500    | 12   | 0            | 8             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 200,0000       | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,1000     | 0    | 10           | 35            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 200,0000       | P                 | EUR               | 13,3000 | 13,8500 | 13,3000 | 3           | 13,8500 | 13,6900    | 14   | 12           | 40            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 26            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option          | 17-8-2018   | 210,0000       | 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                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 170,0000       | P                 | EUR               | 0,7700  | 0,7700  | 0,7700  | 1           | 0,7700  | 0,8200     |      | 1            | 124           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8100     |      | 9            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 180,0000       | P                 | EUR               | 2,3400  | 2,4000  | 2,3400  | 2           | 2,4000  | 2,4500     |      | 2            | 531           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 182,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3700     |      | 7            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 182,0000       | P                 | EUR               | 2,9500  | 3,2400  | 2,9500  | 3           | 3,2400  | 3,0300     |      | 3            | 76            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 184,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0500     |      | 6            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 184,0000       | P                 | EUR               | 3,6300  | 3,9600  | 3,6300  | 4           | 3,9600  | 3,7200     |      | 4            | 102           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 186,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9100     |      | 5            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 186,0000       | P                 | EUR               | 4,8100  | 4,8100  | 4,8100  | 1           | 4,8100  | 4,5500     |      | 5            | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 188,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9100     |      | 4            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 188,0000       | P                 | EUR               | 5,8000  | 5,8500  | 5,8000  | 2           | 5,8500  | 5,5300     |      | 6            | 3             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 190,0000       | C                 | EUR               | 2,9600  | 3,1500  | 2,9600  | 2           | 3,1500  | 3,0200     |      | 3            | 4             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 190,0000       | P                 | EUR               | 6,5000  | 6,9500  | 6,5000  | 5           | 6,9000  | 6,6600     |      | 7            | 12            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 192,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3000     |      | 2            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 192,0000       | P                 | EUR               | 8,2000  | 8,2000  | 8,2000  | 1           | 8,2000  | 7,9200     |      | 8            | 10            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 194,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     |      | 2            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 194,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3400     |      | 9            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 196,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     |      | 1            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 196,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9400    |      | 11           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 200,0000       | C                 | EUR               | 0,6500  | 0,6600  | 0,6200  | 6           | 0,6200  | 0,6500     |      | 1            | 43            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 200,0000       | P                 | EUR               | 13,9900 | 13,9900 | 13,9900 | 1           | 13,9900 | 14,3300    |      | 14           | 5             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8200    |      | 24           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,7000    |      | 34           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 240,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 240,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,7000    |      | 54           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,7000    |      | 64           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,7200   |      | 114          | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-9-2018   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 163,7500   |      | 164          | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8700    |      | 27           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     |      | 1            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,6500    |      | 18           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 170,0000       | P                 | EUR               | 1,3800  | 1,3800  | 1,3800  | 1           | 1,3800  | 1,2700     |      | 1            | 18            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 182,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,3000    |      | 8            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 182,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9600     |      | 4            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 184,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0000     |      | 7            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 184,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6800     |      | 5            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 186,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8900     |      | 6            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 186,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5600     |      | 6            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 188,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8900     |      | 5            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 188,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5300     |      | 7            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9700     |      | 4            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6400     |      | 8            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 192,0000       | C                 | EUR               | 3,2500  | 3,3000  | 3,2500  | 2           | 3,3000  | 3,2200     |      | 3            | 4             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 192,0000       | P                 | EUR               | 8,6500  | 8,6500  | 8,6500  | 1           | 8,6500  | 8,8900     |      | 9            | 10            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 200,0000       | C                 | EUR               | 1,2000  | 1,2000  | 1,2000  | 1           | 1,2000  | 1,1800     |      | 1            | 11            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8600    |      | 15           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9700    |      | 24           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 19-10-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,7500    |      | 34           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,5200    |      | 67           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 138           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,7300    |      | 47           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     |      | 0            | 2245          | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,6000    |      | 28           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     |      | 1            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8800    |      | 19           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 170,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5600     |      | 3            | 560           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4300    |      | 11           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 180,0000       | P                 | EUR               | 5,1000  | 5,1000  | 5,1000  | 1           | 5,1000  | 5,1300     |      | 5            | 1             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8300     |      | 6            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 190,0000       | P                 | EUR               | 9,5000  | 9,9000  | 9,5000  | 2           | 9,9000  | 9,5500     |      | 10           | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 200,0000       | C                 | EUR               | 2,2500  | 2,2500  | 2,2500  | 1           | 2,2500  | 2,4400     |      | 2            | 1             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 200,0000       | P                 | EUR               | 16,0000 | 16,0000 | 16,0000 | 5           | 16,0000 | 16,1700    |      | 16           | 29            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     |      | 1            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,6800    |      | 25           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     |      | 0            | 392           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,1200    |      | 34           | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 240,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 233           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 240,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,9200    |      |              |               |                    |



| 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           | 15-3-2019   | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,2400    | 20   | 0            | 6             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 170,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9500     | 4    | 0            | 123           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1800    | 13   | 0            | 35            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 180,0000       | P                 | EUR               | 7,1000  | 7,1000  | 7,1000  | 2           | 7,1000  | 6,9300     | 7    | 3            | 381           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6400     | 8    | 0            | 339           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4400    | 11   | 0            | 162           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9100     | 4    | 0            | 352           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,5900    | 18   | 0            | 154           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8400     | 2    | 0            | 31            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,6600    | 26   | 0            | 80            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 219           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,6100    | 35   | 0            | 47            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 36            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,1400    | 64   | 0            | 5             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 10            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 114,2200   | 114  | 0            | 15            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 15-3-2019   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 164,3300   | 164  | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,6900    | 67   | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     | 1    | 0            | 9             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,1200    | 47   | 0            | 2             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     | 2    | 0            | 44            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,7500    | 29   | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3400     | 4    | 0            | 113           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7700    | 14   | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 180,0000       | P                 | EUR               | 11,0500 | 11,0500 | 11,0500 | 2           | 11,0500 | 10,8900    | 11   | 2            | 101           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3500     | 8    | 0            | 118           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 190,0000       | P                 | EUR               | 16,5500 | 16,5500 | 16,5500 | 1           | 16,5500 | 16,1000    | 16   | 1            | 147           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 200,0000       | C                 | EUR               | 4,4000  | 4,4000  | 4,4000  | 1           | 4,4000  | 4,6300     | 5    | 1            | 187           | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,9400    | 23   | 0            | 64            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 220,0000       | C                 | EUR               | 1,0700  | 1,0700  | 1,0700  | 1           | 1,0700  | 1,1400     | 1    | 1            | 49            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,9900    | 40   | 0            | 53            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 25            | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,3300    | 69   | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 119,3800   | 119  | 0            | 30            | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 16-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5188    | 15   | 0            | 0             | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 20-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5138    | 15   | 0            | 0             | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 18-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5098    | 15   | 0            | 0             | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5008    | 15   | 0            | 0             | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,4897    | 14   | 0            | 0             | 25-7-2018          |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1202    | 14   | 0            | 0             | 25-7-2018          |
| F                | UD8                       | Unicredit - Dividend Future                        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 0             | 25-7-2018          |
| F                | UD8                       | Unicredit - Dividend Future                        | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UD8                       | Unicredit - Dividend Future                        | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UD8                       | Unicredit - Dividend Future                        | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UD8                       | Unicredit - Dividend Future                        | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UF8                       | UBI Banca - Dividend Future                        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 0             | 25-7-2018          |
| F                | UF8                       | UBI Banca - Dividend Future                        | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| F                | UF8                       | UBI Banca - Dividend Future                        | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UF8                       | UBI Banca - Dividend Future                        | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UF8                       | UBI Banca - Dividend Future                        | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 17-8-2018   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 466,7931   | 467  | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 21-9-2018   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 466,6213   | 467  | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 19-10-2018  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 466,3656   | 466  | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 465,9624   | 466  | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 465,4752   | 465  | 0            | 0             | 25-7-2018          |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 457,3177   | 457  | 0            | 0             | 25-7-2018          |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5000     | 8    | 0            | 0             | 25-7-2018          |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 20-12-2019  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 25-7-2018          |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 18-12-2020  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 25-7-2018          |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 17-12-2021  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 25-7-2018          |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 16-12-2022  | 0,0000         | CHF               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,7293    | 47   | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,2630    | 47   | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,2499    | 47   | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,2206    | 47   | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,1845    | 47   | 0            | 0             | 25-7-2018          |
| F                | UI6                       | United Internet AG - Stock Future                  | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,2032    | 46   | 0            | 0             | 25-7-2018          |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 17-8-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4831    | 30   | 0            | 0             | 25-7-2018          |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 21-9-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4726    | 30   | 0            | 0             | 25-7-2018          |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 19-10-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4641    | 30   | 0            | 0             | 25-7-2018          |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4452    | 30   | 0            | 0             | 25-7-2018          |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 15-3-2019   | 0,0000         | 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                | UN                        | UNILEVER        | 17-8-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     |      | 2            | 0             | 1505 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 47,0000        | P                 | EUR               | 0,2000 | 0,2100 | 0,1800 | 8           | 0,2000 | 0,2100     |      | 0            | 193           | 2866 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 48,0000        | C                 | EUR               | 1,1600 | 1,1900 | 1,0600 | 6           | 1,1800 | 1,1700     |      | 1            | 61            | 1894 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 48,0000        | P                 | EUR               | 0,4500 | 0,4900 | 0,4200 | 12          | 0,4300 | 0,4400     |      | 0            | 50            | 1461 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 49,0000        | C                 | EUR               | 0,5100 | 0,5400 | 0,5100 | 18          | 0,5200 | 0,5300     |      | 1            | 75            | 1010 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 49,0000        | P                 | EUR               | 0,8800 | 0,9100 | 0,8800 | 3           | 0,8900 | 0,9000     |      | 1            | 6             | 1379 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 50,0000        | C                 | EUR               | 0,2000 | 0,2300 | 0,2000 | 5           | 0,2300 | 0,2200     |      | 0            | 9             | 2316 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 50,0000        | P                 | EUR               | 1,6200 | 1,6200 | 1,6200 | 1           | 1,6200 | 1,6200     |      | 2            | 1             | 682 25-7-2018      |
| O                | UN                        | UNILEVER        | 17-8-2018   | 51,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 2           | 0,1000 | 0,1000     |      | 0            | 23            | 69 25-7-2018       |
| O                | UN                        | UNILEVER        | 17-8-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 17-8-2018   | 52,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 2           | 0,0400 | 0,0500     |      | 0            | 31            | 1062 25-7-2018     |
| O                | UN                        | UNILEVER        | 17-8-2018   | 52,0000        | P                 | EUR               | 3,5400 | 3,5400 | 3,5400 | 1           | 3,5400 | 3,4400     |      | 3            | 5             | 298 25-7-2018      |
| O                | UN                        | UNILEVER        | 17-8-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 421 25-7-2018      |
| O                | UN                        | UNILEVER        | 17-8-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     |      | 3            | 0             | 383 25-7-2018      |
| O                | UN                        | UNILEVER        | 17-8-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 20 25-7-2018       |
| O                | UN                        | UNILEVER        | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     |      | 7            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9800    |      | 21           | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    |      | 19           | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 471 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    |      | 14           | 0             | 15 25-7-2018       |
| O                | UN                        | UNILEVER        | 21-9-2018   | 35,0000        | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 2           | 0,0200 | 0,0300     |      | 0            | 4             | 151 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 40,0000        | C                 | EUR               | 9,0000 | 9,0000 | 9,0000 | 1           | 9,0000 | 8,9900     |      | 9            | 2             | 136 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0400     |      | 0            | 4             | 1685 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     |      | 7            | 0             | 652 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1169 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 44,0000        | C                 | EUR               | 5,0500 | 5,0500 | 5,0500 | 1           | 5,0500 | 5,0200     |      | 5            | 2             | 269 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 44,0000        | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 2           | 0,1500 | 0,1400     |      | 0            | 6             | 3396 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 45,0000        | C                 | EUR               | 4,0200 | 4,0200 | 4,0200 | 1           | 4,0200 | 4,0100     |      | 4            | 3             | 1638 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 45,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,2000 | 5           | 0,2100 | 0,2100     |      | 0            | 41            | 1309 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     |      | 3            | 0             | 4118 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 46,0000        | P                 | EUR               | 0,3500 | 0,3500 | 0,3200 | 3           | 0,3200 | 0,3300     |      | 0            | 21            | 2661 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 481 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 47,0000        | P                 | EUR               | 0,5200 | 0,5200 | 0,5000 | 6           | 0,5200 | 0,5200     |      | 1            | 154           | 685 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 48,0000        | C                 | EUR               | 1,4700 | 1,4700 | 1,3900 | 2           | 1,3900 | 1,4400     |      | 1            | 2             | 2513 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 48,0000        | P                 | EUR               | 0,8200 | 0,8500 | 0,8200 | 9           | 0,8300 | 0,8400     |      | 1            | 480           | 8608 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 49,0000        | C                 | EUR               | 0,9100 | 0,9100 | 0,8600 | 5           | 0,8900 | 0,9000     |      | 1            | 118           | 1033 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 49,0000        | P                 | EUR               | 1,2900 | 1,3200 | 1,2700 | 14          | 1,3100 | 1,3000     |      | 1            | 751           | 161 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 50,0000        | C                 | EUR               | 0,5000 | 0,5300 | 0,5000 | 35          | 0,5200 | 0,5300     |      | 1            | 1550          | 6010 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 50,0000        | P                 | EUR               | 1,9700 | 1,9700 | 1,9000 | 3           | 1,9100 | 1,9300     |      | 2            | 70            | 848 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 51,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,2700 | 7           | 0,2700 | 0,2900     |      | 0            | 373           | 942 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 52,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1500 | 7           | 0,1600 | 0,1700     |      | 0            | 166           | 2221 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     |      | 4            | 0             | 429 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 1493 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-9-2018   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     |      | 5            | 0             | 179 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 163 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4500     |      | 6            | 0             | 84 25-7-2018       |
| O                | UN                        | UNILEVER        | 21-9-2018   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4500     |      | 7            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 300 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4300    |      | 11           | 0             | 315 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 100 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4300    |      | 21           | 0             | 44 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 19-10-2018  | 42,0000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 2           | 0,1300 | 0,1500     |      | 0            | 30            | 30 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     |      | 5            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 16 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 4 25-7-2018        |
| O                | UN                        | UNILEVER        | 19-10-2018  | 46,0000        | P                 | EUR               | 0,5600 | 0,5600 | 0,5600 | 6           | 0,5600 | 0,5700     |      | 1            | 182           | 226 25-7-2018      |
| O                | UN                        | UNILEVER        | 19-10-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 11 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 48,0000        | P                 | EUR               | 1,1800 | 1,1800 | 1,1700 | 2           | 1,1700 | 1,1800     |      | 1            | 82            | 41 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 49,0000        | C                 | EUR               | 1,2500 | 1,2500 | 1,2100 | 4           | 1,2100 | 1,2300     |      | 1            | 29            | 100 25-7-2018      |
| O                | UN                        | UNILEVER        | 19-10-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 19 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 50,0000        | C                 | EUR               | 0,8300 | 0,8300 | 0,7800 | 3           | 0,7800 | 0,8200     |      | 1            | 3             | 54 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 10 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 52,0000        | C                 | EUR               | 0,3400 | 0,3400 | 0,3400 | 1           | 0,3400 | 0,3400     |      | 0            | 4             | 38 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7600     |      | 4            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 20 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     |      | 6            | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 19-10-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 16 25-7-2018       |
| O                | UN                        | UNILEVER        | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 9 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,9800    |      | 29           | 0             | 3 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1340 25-7-2018     |
| O                | UN                        | UNILEVER        | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9800    |      | 27           | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 274 25-7-2018      |
| O                | UN                        | UNILEVER        | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9800    |      | 25           | 0             | 0 25-7-2018        |
| O                | UN                        | UNILEVER        | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 342 25-7-2018      |
| O                | UN                        | UNILEVER        |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2046          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 16,9800    | 17   | 0            | 40            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1540          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,9800    | 15   | 0            | 332           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 3979          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    | 14   | 0            | 144           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0600  | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0700     | 0    | 2            | 14432         | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 40,0000        | C                 | EUR               | 8,9000  | 8,9000 | 8,9000 | 1           | 8,9000 | 8,9800     | 9    | 1            | 1052          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,2100  | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     | 0    | 2            | 20831         | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     | 7    | 0            | 1719          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 3127          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 44,0000        | C                 | EUR               | 5,0000  | 5,0000 | 5,0000 | 1           | 5,0000 | 5,0900     | 5    | 1            | 3045          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 12272         | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 45,0000        | C                 | EUR               | 4,1800  | 4,2000 | 4,1800 | 2           | 4,2000 | 4,1900     | 4    | 15           | 4390          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,8000  | 0,8000 | 0,7600 | 5           | 0,7900 | 0,7800     | 1    | 13           | 21213         | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 46,0000        | C                 | EUR               | 3,4100  | 3,4100 | 3,4100 | 1           | 3,4100 | 3,3800     | 3    | 2            | 1652          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 1391          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 48,0000        | C                 | EUR               | 2,0500  | 2,0500 | 2,0400 | 4           | 2,0400 | 2,0400     | 2    | 9            | 5581          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 48,0000        | P                 | EUR               | 1,8900  | 1,8900 | 1,7500 | 4           | 1,7500 | 1,7700     | 2    | 101          | 4753          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 50,0000        | C                 | EUR               | 1,1000  | 1,1200 | 1,0500 | 8           | 1,1200 | 1,1100     | 1    | 159          | 9235          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     | 3    | 0            | 4906          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 52,0000        | C                 | EUR               | 0,5500  | 0,5500 | 0,5400 | 2           | 0,5400 | 0,5600     | 1    | 11           | 182           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 52,0000        | P                 | EUR               | 4,4500  | 4,4500 | 4,3500 | 4           | 4,3700 | 4,3600     | 4    | 26           | 31            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 55,0000        | C                 | EUR               | 0,2000  | 0,2000 | 0,2000 | 3           | 0,2000 | 0,1900     | 0    | 5            | 2384          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 55,0000        | P                 | EUR               | 7,0000  | 7,0000 | 7,0000 | 1           | 7,0000 | 7,0000     | 7    | 2            | 811           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1805          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,8800    | 12   | 0            | 1207          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 345           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 21,8500    | 22   | 0            | 1151          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 20,9900    | 21   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 7             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    | 19   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 6             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    | 14   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 408           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     | 9    | 0            | 186           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 3716          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 42,0000        | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 21            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 1438          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     | 5    | 0            | 308           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 44,0000        | P                 | EUR               | 1,0300  | 1,0300 | 1,0300 | 1           | 1,0300 | 1,0300     | 1    | 2            | 833           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 46,0000        | C                 | EUR               | 3,6300  | 3,6600 | 3,6300 | 2           | 3,6600 | 3,6600     | 4    | 4            | 1398          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 3306          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 48,0000        | C                 | EUR               | 2,3700  | 2,4000 | 2,3700 | 2           | 2,4000 | 2,4100     | 2    | 12           | 4905          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 3534          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 50,0000        | C                 | EUR               | 1,4800  | 1,4800 | 1,4800 | 1           | 1,4800 | 1,4800     | 1    | 9            | 1333          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4    | 0            | 287           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 52,0000        | C                 | EUR               | 0,8600  | 0,8700 | 0,8600 | 2           | 0,8700 | 0,8700     | 1    | 17           | 45            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 50            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 55,0000        | C                 | EUR               | 0,3600  | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3700     | 0    | 3            | 694           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     | 8    | 0            | 58            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 1             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,3000    | 12   | 0            | 58            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 22,2500    | 22   | 0            | 30            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    | 19   | 0            | 57            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 250           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    | 14   | 0            | 129           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 213           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     | 9    | 0            | 264           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 5369          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     | 5    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 120           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 45,0000        | C                 | EUR               | 4,6000  | 4,6000 | 4,6000 | 1           | 4,6000 | 4,6200     | 5    | 4            | 2529          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 3795          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     | 4    | 0            | 238           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 55            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 2670          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     | 3    | 0            | 3721          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 50,0000        | C                 | EUR               | 1,8000  | 1,8000 | 1,8000 | 1           | 1,8000 | 1,8200     | 2    | 3            | 3891          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,3000     | 4    | 0            | 892           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 52,0000        | C                 | EUR               | 1,1600  | 1,1300 | 1,1300 | 2           | 1,1300 | 1,1700     | 1    | 14           | 29            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     | 6    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 55,0000        | C                 | EUR               | 0,5600  | 0,5600 | 0,5600 | 1           | 0,5600 | 0,5800     | 1    | 3            | 1066          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,1700     | 8    | 0            | 153           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 1832          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    | 13   | 0            | 94            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |



| 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                | UN                        | UNILEVER        | 20-12-2019  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9800    | 17   | 0            | 2             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 1188          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0000    | 14   | 0            | 207           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 3276          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0500     | 9    | 0            | 1250          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 40,0000        | P                 | EUR               | 1,3700 | 1,3700 | 1,3700 | 3           | 1,3700 | 1,3300     | 1    | 10           | 12957         | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9900     | 5    | 0            | 5218          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 45,0000        | P                 | EUR               | 2,9500 | 2,9500 | 2,9000 | 15          | 2,9200 | 2,9300     | 3    | 278          | 2649          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 50,0000        | C                 | EUR               | 2,3400 | 2,3400 | 2,3400 | 1           | 2,3400 | 2,3700     | 2    | 2            | 3270          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 50,0000        | P                 | EUR               | 5,6000 | 5,6000 | 5,6000 | 1           | 5,6000 | 5,5900     | 6    | 1            | 1565          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 55,0000        | C                 | EUR               | 0,9800 | 1,0000 | 0,9800 | 3           | 1,0000 | 1,0100     | 1    | 46           | 571           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     | 9    | 0            | 74            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 60,0000        | C                 | EUR               | 0,4100 | 0,4100 | 0,4100 | 1           | 0,4100 | 0,3900     | 0    | 1            | 1595          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8000    | 14   | 0            | 610           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 343           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5500    | 24   | 0            | 276           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    | 19   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 5             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    | 14   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 4             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1300     | 9    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 7             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     | 5    | 0            | 6             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 45,0000        | P                 | EUR               | 3,8800 | 3,8800 | 3,8800 | 1           | 3,8800 | 3,8900     | 4    | 5            | 5             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 33            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 50,0000        | P                 | EUR               | 6,6500 | 6,6500 | 6,6500 | 1           | 6,6500 | 6,6900     | 7    | 2            | 2             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4200    | 10   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,8200    | 15   | 0            | 0             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,9800    | 29   | 0            | 1             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 409           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,9800    | 24   | 0            | 14            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 182           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9800    | 21   | 0            | 15            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 321           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    | 19   | 0            | 23            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 30,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6300     | 1    | 1            | 444           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    | 14   | 0            | 54            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 745           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 40,0000        | C                 | EUR               | 9,1500 | 9,1500 | 9,1000 | 2           | 9,1000 | 9,1200     | 9    | 5            | 969           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 40,0000        | P                 | EUR               | 2,7000 | 2,7000 | 2,7000 | 1           | 2,7000 | 2,6800     | 3    | 5            | 713           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5800     | 8    | 0            | 361           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 0            | 306           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     | 6    | 0            | 743           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 252           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 815           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 50,0000        | P                 | EUR               | 7,7500 | 7,7500 | 7,7000 | 3           | 7,7000 | 7,7700     | 8    | 4            | 1232          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 118           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    | 12   | 0            | 10            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 926           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7700    | 16   | 0            | 379           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 185           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,9800    | 35   | 0            | 41            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,9800    | 29   | 0            | 5             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 111           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,9800    | 24   | 0            | 4             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 252           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    | 19   | 0            | 32            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 494           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0200    | 14   | 0            | 3978          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 628           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3500     | 9    | 0            | 1150          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 1306          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     | 6    | 0            | 793           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     | 6    | 0            | 1564          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     | 4    | 0            | 1590          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5700     | 10   | 0            | 1807          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 1156          | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5200    | 18   | 0            | 628           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 339           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4000    | 36   | 0            | 330           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,1000    | 24   | 0            | 6             | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 624           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0000    | 19   | 0            | 68            | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2    | 0            | 456           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 479           | 25-7-2018          |
| O                | UN                        | UNILEVER        | 16-12-2022  | 40,0000        | P                 | EUR               | 5,2000 | 5,2000 | 5,1000 | 2           | 5,1000 | 5,1600     | 5    | 13           | 915           | 25-7-2018          |



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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                | UN9                       | Unilever - European Stock Option  | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8200    | 13   | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6500    | 23   | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9200    | 17   | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     | 8    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5100     | 5    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5900     | 6    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3900     | 9    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 25-7-2018          |
| O                | UN9                       | Unilever - European Stock Option  | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7900    | 14   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8780    | 16   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8721    | 16   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8634    | 16   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8497    | 16   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8331    | 16   | 0            | 0             | 25-7-2018          |
| F                | U06                       | UBS Group - Stock Future          | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1111    | 15   | 0            | 0             | 25-7-2018          |
| F                | U08                       | UBS Group - Dividend Future       | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 25-7-2018          |
| F                | U08                       | UBS Group - Dividend Future       | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 25-7-2018          |
| F                | U08                       | UBS Group - Dividend Future       | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 0             | 25-7-2018          |
| F                | U08                       | UBS Group - Dividend Future       | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | U08                       | UBS Group - Dividend Future       | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UQ8                       | UnipolSai - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1450     | 0    | 0            | 0             | 25-7-2018          |
| F                | UQ8                       | UnipolSai - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     | 0    | 0            | 0             | 25-7-2018          |
| F                | UQ8                       | UnipolSai - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     | 0    | 0            | 0             | 25-7-2018          |
| F                | UQ8                       | UnipolSai - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     | 0    | 0            | 0             | 25-7-2018          |
| F                | UQ8                       | UnipolSai - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     | 0    | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,2080   | 146  | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,1791   | 146  | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,1518   | 146  | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,0478   | 146  | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,9211   | 146  | 0            | 0             | 25-7-2018          |
| F                | UR6                       | Securitas B - Stock Future        | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 141,0733   | 141  | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1771    | 13   | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1726    | 13   | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1690    | 13   | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1608    | 13   | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1507    | 13   | 0            | 0             | 25-7-2018          |
| F                | UT6                       | Azimut Holding SpA - Stock Future | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1922    | 12   | 0            | 0             | 25-7-2018          |
| F                | UT8                       | Azimut Holding - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UT8                       | Azimut Holding - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UT8                       | Azimut Holding - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UT8                       | Azimut Holding - Dividend Future  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UT8                       | Azimut Holding - Dividend Future  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 25-7-2018          |
| F                | UU8                       | United Utilities Group - Dividend | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,2600    | 53   | 0            | 0             | 25-7-2018          |
| F                | UU8                       | United Utilities Group - Dividend | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    | 40   | 0            | 0             | 25-7-2018          |
| F                | UU8                       | United Utilities Group - Dividend | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    | 40   | 0            | 0             | 25-7-2018          |
| F                | UU8                       | United Utilities Group - Dividend | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    | 40   | 0            | 0             | 25-7-2018          |
| F                | UU8                       | United Utilities Group - Dividend | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    | 40   | 0            | 0             | 25-7-2018          |
| F                | UV8                       | Severn Trent - Dividend Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,9600    | 84   | 0            | 0             | 25-7-2018          |
| F                | UV8                       | Severn Trent - Dividend Future    | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    | 85   | 0            | 0             | 25-7-2018          |
| F                | UV8                       | Severn Trent - Dividend Future    | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    | 85   | 0            | 0             | 25-7-2018          |
| F                | UV8                       | Severn Trent - Dividend Future    | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    | 85   | 0            | 0             | 25-7-2018          |
| F                | UV8                       | Severn Trent - Dividend Future    | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    | 85   | 0            | 0             | 25-7-2018          |
| F                | UW8                       | SSE - Dividend Future             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,7000    | 95   | 0            | 0             | 25-7-2018          |
| F                | UW8                       | SSE - Dividend Future             | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    | 94   | 0            | 0             | 25-7-2018          |
| F                | UW8                       | SSE - Dividend Future             | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    | 94   | 0            | 0             | 25-7-2018          |
| F                | UW8                       | SSE - Dividend Future             | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    | 94   | 0            | 0             | 25-7-2018          |
| F                | UW8                       | SSE - Dividend Future             | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    | 94   | 0            | 0             | 25-7-2018          |
| F                | UY8                       | Amazon.com - Dividend Future      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UY8                       | Amazon.com - Dividend Future      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UY8                       | Amazon.com - Dividend Future      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UY8                       | Amazon.com - Dividend Future      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UY8                       | Amazon.com - Dividend Future      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 25-7-2018          |
| F                | UZ8                       | Unilever PLC - Dividend Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,1000   | 138  | 0            | 0             | 25-7-2018          |
| F                | UZ8                       | Unilever PLC - Dividend Future    | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,8800   | 147  | 0            | 0             | 25-7-2018          |
| F                | UZ8                       | Unilever PLC - Dividend Future    | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 164,5000   | 165  | 0            | 0             | 25-7-2018          |
| F                | UZ8                       | Unilever PLC - Dividend Future    | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,4500   | 180  | 0            | 0             | 25-7-2018          |
| F                | UZ8                       | Unilever PLC - Dividend Future    | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,4500   | 180  | 0            | 0             | 25-7-2018          |
| F                | VB8                       | General Motors - Dividend Future  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 0             | 25-7-2018          |
| F                | VB8                       | General Motors - Dividend Future  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 25-7-2018          |
| F                | VB8                       | General Motors - Dividend Future  | 15-1-2021   | 0,0000         |                   | USD               | 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 |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | VD8                       | Philip Morris - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 25-7-2018          |
| F                | VD8                       | Philip Morris - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 25-7-2018          |
| F                | VD8                       | Philip Morris - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 25-7-2018          |
| F                | VD8                       | Philip Morris - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,2695   |      | 106          | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,2484   |      | 106          | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,2286   |      | 106          | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,1530   |      | 106          | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,0610   |      | 106          | 0             | 25-7-2018          |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,4927   |      | 100          | 0             | 25-7-2018          |
| F                | VE8                       | Svenska Handelsbanken A - Dividend       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3954     |      | 5            | 0             | 25-7-2018          |
| F                | VE8                       | Svenska Handelsbanken A - Dividend       | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 25-7-2018          |
| F                | VE8                       | Svenska Handelsbanken A - Dividend       | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     |      | 7            | 0             | 25-7-2018          |
| F                | VE8                       | Svenska Handelsbanken A - Dividend       | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 25-7-2018          |
| F                | VE8                       | Svenska Handelsbanken A - Dividend       | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2868    |      | 58           | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2667    |      | 58           | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2506    |      | 58           | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2144    |      | 58           | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,5504    |      | 58           | 0             | 25-7-2018          |
| F                | VF6                       | Viscofan SA - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,5923    |      | 57           | 0             | 25-7-2018          |
| F                | VG8                       | Southern Co - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 25-7-2018          |
| F                | VG8                       | Southern Co - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 25-7-2018          |
| F                | VG8                       | Southern Co - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 25-7-2018          |
| F                | VG8                       | Southern Co - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     |      | 3            | 0             | 25-7-2018          |
| F                | VG8                       | Southern Co - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     |      | 3            | 0             | 25-7-2018          |
| F                | VH8                       | Duke Energy - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 25-7-2018          |
| F                | VH8                       | Duke Energy - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 25-7-2018          |
| F                | VH8                       | Duke Energy - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 25-7-2018          |
| F                | VH8                       | Duke Energy - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 25-7-2018          |
| F                | VH8                       | Duke Energy - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 25-7-2018          |
| F                | VJ8                       | CME Group - Dividend Future              | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | VJ8                       | CME Group - Dividend Future              | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 25-7-2018          |
| F                | VJ8                       | CME Group - Dividend Future              | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 25-7-2018          |
| F                | VJ8                       | CME Group - Dividend Future              | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 25-7-2018          |
| F                | VJ8                       | CME Group - Dividend Future              | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0409    |      | 40           | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0271    |      | 40           | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0160    |      | 40           | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9912    |      | 40           | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9607    |      | 40           | 0             | 25-7-2018          |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,8845    |      | 39           | 0             | 25-7-2018          |
| F                | VL8                       | Conocophillips - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 25-7-2018          |
| F                | VL8                       | Conocophillips - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |
| F                | VL8                       | Conocophillips - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| F                | VL8                       | Conocophillips - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| F                | VL8                       | Conocophillips - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 25-7-2018          |
| F                | VM8                       | Apple - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 25-7-2018          |
| F                | VM8                       | Apple - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 25-7-2018          |
| F                | VM8                       | Apple - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 25-7-2018          |
| F                | VM8                       | Apple - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 25-7-2018          |
| F                | VM8                       | Apple - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 25-7-2018          |
| F                | VN8                       | Vonovia - Dividend Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 25-7-2018          |
| F                | VN8                       | Vonovia - Dividend Future                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | VN8                       | Vonovia - Dividend Future                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | VN8                       | Vonovia - Dividend Future                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | VN8                       | Vonovia - Dividend Future                | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,1600   |      | 175          | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,2600   |      | 175          | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,3500   |      | 175          | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,1200   |      | 171          | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,4200   |      | 171          | 0             | 25-7-2018          |
| F                | VO6                       | Vodafone Group - Stock Future            | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,6200   |      | 163          | 0             | 25-7-2018          |
| F                | VO8                       | Vodafone Group - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7800    |      | 13           | 0             | 25-7-2018          |
| F                | VO8                       | Vodafone Group - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0500    |      | 13           | 0             | 25-7-2018          |
| F                | VO8                       | Vodafone Group - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |      | 13           | 0             | 25-7-2018          |
| F                | VO8                       | Vodafone Group - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |      | 13           | 0             | 25-7-2018          |
| F                | VO8                       | Vodafone Group - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |      | 13           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6346    |      | 24           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6265    |      | 24           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6200    |      | 24           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6053    |      | 24           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5873    |      | 24           | 0             | 25-7-2018          |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6717    |      | 23           | 0             | 25-7-2018          |
| F                | VP8                       | Vopak - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 25-7-2018          |
| F                | VP8                       | Vopak - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 25-7-2018          |
| F                | VP8                       | Vopak - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 25-7-2018          |
| F                | VP8                       | Vopak - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 25-7-2018          |
| F                | VP8                       | Vopak - Dividend Future                  | 16-12-2022  | 0,0000         |                   | 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                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     |      | 3            | 0                | 11 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 38,0000        | P                 | EUR               | 0,5600 | 0,5600 | 0,5500 | 3           | 0,5500 | 0,5300     |      | 1            | 15 324 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     |      | 2            | 0 123 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 39,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8200 | 3           | 0,8200 | 0,8300     |      | 1            | 12 402 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 40,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,2000 | 3           | 1,2700 | 1,2700     |      | 1            | 23 168 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 40,0000        | P                 | EUR               | 1,3000 | 1,3000 | 1,2300 | 3           | 1,2300 | 1,2300     |      | 1            | 14 381 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 41,0000        | C                 | EUR               | 0,7900 | 0,7900 | 0,7900 | 1           | 0,7900 | 0,8200     |      | 1            | 5 202 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0 237 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 42,0000        | C                 | EUR               | 0,4500 | 0,4600 | 0,4500 | 2           | 0,4600 | 0,5000     |      | 1            | 7 458 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0 208 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0 168 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 44,0000        | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1700     |      | 0            | 4 126 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     |      | 4            | 0 24 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 14 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0100     |      | 6            | 0 2 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 10 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9700     |      | 8            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 17-8-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0 4 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0900    |      | 14           | 0 1 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 30 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1100    |      | 12           | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 291 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1500    |      | 10           | 0 29 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 284 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1800     |      | 8            | 0 16 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 991 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2700     |      | 6            | 0 265 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 669 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     |      | 4            | 0 549 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 2337 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     |      | 3            | 0 700 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0 651 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0 4 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0 207 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 40,0000        | C                 | EUR               | 1,6000 | 1,6000 | 1,5500 | 2           | 1,5500 | 1,5400     |      | 2            | 96 4 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 40,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5100     |      | 2            | 4 2093 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 41,0000        | C                 | EUR               | 1,0400 | 1,0400 | 1,0400 | 1           | 1,0400 | 1,0700     |      | 1            | 2 57 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     |      | 2            | 0 193 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0 1634 25-7-2018 |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0 451 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 757 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     |      | 4            | 0 45 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 411 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     |      | 5            | 0 201 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0900     |      | 6            | 0 11 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 11 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0300     |      | 8            | 0 2 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 56 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0100    |      | 10           | 0 129 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-9-2018   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9900    |      | 15           | 0 91 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3200     |      | 6            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     |      | 5            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0 1 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     |      | 3            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0 1 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     |      | 2            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 39,0000        | P                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2800     |      | 1            | 1 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0 1 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 41,0000        | C                 | EUR               | 1,2300 | 1,2500 | 1,2300 | 2           | 1,2500 | 1,2500     |      | 1            | 2 3 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     |      | 3            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0 25-7-2018      |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0 0 25-7-2018    |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1600    |      | 12           | 0 13 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 16 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2300    |      | 10           | 0 10 25-7-2018   |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 43 25-7-2018     |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0 104 25-7-2018  |                    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 36,0000        | P                 | 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                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     |      | 5            | 0             | 25-7-2018          |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 460 25-7-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     |      | 6            | 0             | 213 25-7-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 63 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1600    |      | 10           | 0             | 106 25-7-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 5 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0600    |      | 15           | 0             | 11 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2200    |      | 12           | 0             | 0 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    |      | 10           | 0             | 0 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 3 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0300     |      | 6            | 0             | 0 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 85 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     |      | 4            | 0             | 14 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 35 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 202 25-7-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 66 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 48 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     |      | 4            | 0             | 23 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 63 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3000     |      | 5            | 0             | 11 25-7-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 8 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3800    |      | 10           | 0             | 2 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 25-7-2018        |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1600    |      | 15           | 0             | 0 25-7-2018        |
| F                | VQ8                       | Microsoft - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 0 25-7-2018        |
| F                | VQ8                       | Microsoft - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 25-7-2018        |
| F                | VQ8                       | Microsoft - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 25-7-2018        |
| F                | VQ8                       | Microsoft - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 25-7-2018        |
| F                | VQ8                       | Microsoft - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 25-7-2018        |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     |      | 3            | 0             | 0 25-7-2018        |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     |      | 3            | 0             | 0 25-7-2018        |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 25-7-2018        |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 25-7-2018        |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 25-7-2018        |
| F                | V58                       | Johnson&Johnson - Dividend Future     | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 0             | 0 25-7-2018        |
| F                | V58                       | Johnson&Johnson - Dividend Future     | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     |      | 4            | 0             | 0 25-7-2018        |
| F                | V58                       | Johnson&Johnson - Dividend Future     | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 25-7-2018        |
| F                | V58                       | Johnson&Johnson - Dividend Future     | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 25-7-2018        |
| F                | V58                       | Johnson&Johnson - Dividend Future     | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,3206    |      | 41           | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,3064    |      | 41           | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,2950    |      | 41           | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,2693    |      | 41           | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,2378    |      | 41           | 0             | 0 25-7-2018        |
| F                | VT6                       | Voestalpine AG - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,2103    |      | 41           | 0             | 0 25-7-2018        |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 0 25-7-2018        |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 25-7-2018        |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 25-7-2018        |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 25-7-2018        |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,3563   |      | 152          | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,3261   |      | 152          | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,2976   |      | 152          | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,1892   |      | 152          | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,0573   |      | 152          | 0             | 0 25-7-2018        |
| F                | VV6                       | Volvo B - Stock Future                | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,9569   |      | 147          | 0             | 0 25-7-2018        |
| F                | VV8                       | Volvo B - Dividend Future             | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 0 25-7-2018        |
| F                | VV8                       | Volvo B - Dividend Future             | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 0 25-7-2018        |
| F                | VV8                       | Volvo B - Dividend Future             | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 0 25-7-2018        |
| F                | VV8                       | Volvo B - Dividend Future             | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 0 25-7-2018        |
| F                | VV8                       | Volvo B - Dividend Future             | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,8869   |      | 146          | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,8365   |      | 146          | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,7963   |      | 146          | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,7057   |      | 146          | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,5945   |      | 146          | 0             | 0 25-7-2018        |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 141,8988   |      | 142          | 0             | 0 25-7-2018        |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 4            | 0             | 0 25-7-2018        |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 0 25-7-2018        |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 25-7-2018        |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 25-7-2018        |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 17-8-2018   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,0500    |      | 26           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 17-8-2018   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 17-8-2018   | 125,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2100    |      | 21           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 17-8-2018   | 125,0000       | P                 | 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 |
|------------------|---------------------------|--------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8500    |      | 13           | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     |      | 7            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 145,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1600    |      | 10           | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 145,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4400     |      | 9            | 0             | 111 25-7-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8900     |      | 8            | 0             | 2 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1800    |      | 12           | 0             | 111 25-7-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     |      | 6            | 0             | 1 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3500    |      | 15           | 0             | 8 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     |      | 5            | 0             | 10 25-7-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8700    |      | 19           | 0             | 20 25-7-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 18 25-7-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,7200    |      | 23           | 0             | 1 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 170,0000       | C                 | EUR               | 3,0000 | 3,0000 | 3,0000 | -           | 3,0000 | 2,5300     |      | 3            | 1             | 13 25-7-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,8600    |      | 27           | 0             | 125 25-7-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 2 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2900    |      | 31           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 5 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7900    |      | 36           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 4 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4300    |      | 40           | 0             | 3 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,1600    |      | 45           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,9600    |      | 50           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 4 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,7900    |      | 55           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,6000    |      | 65           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,5100    |      | 75           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,4600    |      | 94           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 114,4700   |      | 114          | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 280,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 20            | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-12-2018  | 280,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 134,4900   |      | 134          | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,6700    |      | 33           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5500    |      | 29           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9400    |      | 21           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 135,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5300    |      | 18           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 135,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8900     |      | 7            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5100    |      | 15           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8800     |      | 9            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 145,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9400    |      | 12           | 0             | 2 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 145,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3300    |      | 11           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8100     |      | 10           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2100    |      | 14           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     |      | 8            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3800    |      | 17           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3600     |      | 6            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7900    |      | 21           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0800     |      | 5            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5200    |      | 25           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4800    |      | 28           | 0             | 1 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     |      | 3            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,5900    |      | 33           | 0             | 4 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,9300    |      | 37           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     |      | 2            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,3800    |      | 41           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,9400    |      | 46           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,3500    |      | 55           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,0100    |      | 65           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,8300    |      | 75           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,5200    |      | 47           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,2400    |      | 33           | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     |      | 4            | 0             | 0 25-7-2018        |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 120,0000       | 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                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 145,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3300    | 15   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3400    | 11   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5600    | 19   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3700     | 9    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8000    | 22   | 0            | 2             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7400     | 8    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3300    | 25   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,1200    | 29   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2200     | 5    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,0600    | 33   | 0            | 2             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     | 4    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,5700    | 42   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,3200    | 50   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,6100    | 60   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 20            | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,8600    | 79   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,5400   | 109  | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 158,5700   | 159  | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,1300    | 47   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3    | 0            | 20            | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5700    | 39   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     | 5    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,7200    | 31   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6400     | 8    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,0800    | 24   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4800    | 11   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4800    | 18   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2300    | 16   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8200    | 14   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8200    | 22   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1700    | 10   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3400    | 28   | 0            | 3             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     | 8    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8000    | 36   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     | 6    | 0            | 10            | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,9000    | 44   | 0            | 4             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     | 4    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,4200    | 52   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9800     | 3    | 0            | 1             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,4700    | 61   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,1100    | 80   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,3200   | 109  | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 159,0500   | 159  | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,4900    | 47   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7600     | 6    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2000    | 39   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6200     | 9    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7700    | 32   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2600    | 12   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3400    | 25   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7600    | 17   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9300    | 20   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1200    | 22   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4700    | 15   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2800    | 28   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8700    | 12   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1700    | 35   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0800     | 9    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7600    | 43   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     | 7    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,9800    | 51   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3400     | 5    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,5700    | 60   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,4400    | 68   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     | 2    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 87,0500    | 87   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 250,00         |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| 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                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,6400    | 27   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0400    | 19   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4300    | 21   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4300    | 24   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0800    | 17   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,5100    | 31   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5700    | 14   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,3300    | 37   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8200    | 11   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,8500    | 45   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5600     | 9    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,7800    | 53   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7800     | 7    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,1400    | 61   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     | 5    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9200    | 70   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,1000    | 88   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,5400   | 117  | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 166,6200   | 166  | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,8600    | 48   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    | 10   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,8700    | 40   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0800    | 14   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,8000    | 33   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4600    | 18   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7600    | 27   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5200    | 24   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7300    | 22   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4500    | 29   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5300    | 18   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,0300    | 36   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0300    | 14   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,1200    | 43   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3000    | 11   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,8000    | 51   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1600     | 9    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,0100    | 59   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,3300    | 76   | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 25-7-2018          |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,9300   | 172  | 0            | 0             | 25-7-2018          |
| F                | VX8                       | General Electric - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| F                | VX8                       | General Electric - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| F                | VX8                       | General Electric - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| F                | VX8                       | General Electric - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| F                | VX8                       | General Electric - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 25-7-2018          |
| F                | VY8                       | AT&T - Dividend Future             | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 0             | 25-7-2018          |
| F                | VY8                       | AT&T - Dividend Future             | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 0             | 25-7-2018          |
| F                | VY8                       | AT&T - Dividend Future             | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 0             | 25-7-2018          |
| F                | VY8                       | AT&T - Dividend Future             | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 0             | 25-7-2018          |
| F                | VY8                       | AT&T - Dividend Future             | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| F                | VZ8                       | Wells Fargo & Co - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7610    | 18   | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5248    | 18   | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5200    | 18   | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5091    | 18   | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2458    | 17   | 0            | 0             | 25-7-2018          |
| F                | WA6                       | Wartsila OYJ ABP - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2343    | 17   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8153    | 21   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8081    | 21   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8023    | 21   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7894    | 21   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7736    | 21   | 0            | 0             | 25-7-2018          |
| F                | WB6                       | Wienerberger AG - Stock Future     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3597    | 20   | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 17-8-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,8415   | 204  | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 21-9-2018   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,8011   | 204  | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 19-10-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,7631   | 204  | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,6180   | 204  | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,4415   | 203  | 0            | 0             | 25-7-2018          |
| F                | WD6                       | Swedbank A - Stock Future          | 21-6-2019   | 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                | WES                       | WESSANEN N.V.   | 17-8-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 10,0000        | C                 | EUR               | 2,1000 | 2,2000 | 2,0500 | 3           | 2,2000 | 2,4100     | 2    | 13           | 7             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 10,0000        | P                 | EUR               | 0,0500 | 0,0500 | 0,0300 | 6           | 0,0300 | 0,0400     | 0    | 85           | 246           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 31            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 10,5000        | P                 | EUR               | 0,0900 | 0,0900 | 0,0500 | 2           | 0,0500 | 0,0700     | 0    | 12           | 107           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 11,0000        | C                 | EUR               | 1,2000 | 1,5000 | 1,2000 | 5           | 1,5000 | 1,4700     | 1    | 35           | 135           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 11,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,0900 | 7           | 0,0900 | 0,1000     | 0    | 33           | 1009          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 11,5000        | C                 | EUR               | 0,7500 | 1,0000 | 0,7500 | 5           | 1,0000 | 1,0700     | 1    | 24           | 93            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 11,5000        | P                 | EUR               | 0,3200 | 0,3500 | 0,1900 | 4           | 0,1900 | 0,2000     | 0    | 19           | 158           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 12,0000        | C                 | EUR               | 0,5000 | 0,8000 | 0,5000 | 21          | 0,7500 | 0,7000     | 1    | 114          | 192           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 12,0000        | P                 | EUR               | 0,5000 | 0,5500 | 0,3000 | 5           | 0,3400 | 0,3400     | 0    | 10           | 392           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 12,5000        | C                 | EUR               | 0,3500 | 0,5000 | 0,3000 | 26          | 0,5000 | 0,4400     | 0    | 380          | 392           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 12,5000        | P                 | EUR               | 0,8500 | 0,8500 | 0,5500 | 8           | 0,5500 | 0,5700     | 1    | 15           | 167           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 13,0000        | C                 | EUR               | 0,2200 | 0,3000 | 0,2200 | 20          | 0,3000 | 0,2500     | 0    | 282          | 307           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 13,0000        | P                 | EUR               | 1,1500 | 1,1500 | 0,8000 | 8           | 0,8000 | 0,8900     | 1    | 44           | 186           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 13,5000        | C                 | EUR               | 0,1300 | 0,1700 | 0,1100 | 6           | 0,1400 | 0,1500     | 0    | 206          | 401           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 13,5000        | P                 | EUR               | 1,7500 | 1,7500 | 1,1500 | 3           | 1,1500 | 1,2800     | 1    | 3            | 84            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 14,0000        | C                 | EUR               | 0,0800 | 0,1000 | 0,0800 | 6           | 0,0900 | 0,0900     | 0    | 171          | 462           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 14,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7200     | 2    | 21           | 42            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 164           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 15,0000        | P                 | EUR               | 2,9000 | 2,9000 | 2,5500 | 6           | 2,5500 | 2,6600     | 3    | 6            | 67            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 44            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6400     | 4    | 0            | 25            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4    | 0            | 59            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 36            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 17,0000        | P                 | EUR               | 4,5900 | 4,5900 | 4,5000 | 2           | 4,5000 | 4,6300     | 5    | 4            | 66            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 20            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1300     | 5    | 0            | 70            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 18,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     | 0    | 1            | 56            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6300     | 6    | 0            | 61            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 68            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     | 6    | 0            | 20            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 158           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     | 7    | 0            | 11            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 88            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6300     | 8    | 0            | 7             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6300     | 9    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 17-8-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6300     | 10   | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,0000         | C                 | EUR               | 3,4000 | 3,4000 | 3,4000 | 1           | 3,4000 | 3,3900     | 3    | 2            | 3             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     | 3    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 10,0000        | C                 | EUR               | 2,3000 | 2,6000 | 2,3000 | 3           | 2,6000 | 2,4600     | 2    | 8            | 22            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 10,0000        | P                 | EUR               | 0,1200 | 0,1200 | 0,0900 | 3           | 0,0900 | 0,0900     | 0    | 3            | 160           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 10,5000        | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,1400     | 0    | 5            | 5             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 11,0000        | C                 | EUR               | 1,4000 | 1,6000 | 1,2500 | 9           | 1,6000 | 1,5800     | 2    | 49           | 61            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 213           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 11,5000        | C                 | EUR               | 0,9700 | 0,9700 | 0,9700 | 2           | 0,9700 | 1,2000     | 1    | 10           | 10            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 11,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,3200 | 3           | 0,3200 | 0,3400     | 0    | 53           | 54            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 12,0000        | C                 | EUR               | 0,7500 | 0,9500 | 0,6500 | 10          | 0,9500 | 0,8700     | 1    | 67           | 241           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 12,0000        | P                 | EUR               | 0,6500 | 0,6500 | 0,4500 | 5           | 0,4800 | 0,5100     | 1    | 11           | 425           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 12,5000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6200     | 1    | 10           | 45            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 12,5000        | P                 | EUR               | 1,0500 | 1,0500 | 0,7500 | 2           | 0,7500 | 0,7600     | 1    | 5            | 42            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 13,0000        | C                 | EUR               | 0,4200 | 0,4600 | 0,4200 | 2           | 0,4600 | 0,4300     | 0    | 8            | 116           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 22            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 13,5000        | C                 | EUR               | 0,2700 | 0,3300 | 0,2400 | 7           | 0,3300 | 0,2900     | 0    | 87           | 257           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 28            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 14,0000        | C                 | EUR               | 0,1800 | 0,2300 | 0,1700 | 10          | 0,2200 | 0,2000     | 0    | 160          | 574           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 14,0000        | P                 | EUR               | 2,0000 | 2,0000 | 1,8500 | 2           | 1,8500 | 1,8400     | 2    | 14           | 535           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 388           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 815           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1132          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 1008          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 507           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     | 5    | 0            | 566           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 26            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     | 5    | 0            | 133           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 736           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     | 6    | 0            | 605           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 71            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 18,5000        | 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                | WES                       | WESSANEN N.V.   | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-9-2018   | 24,0000        | P                 | EUR               | 11,9700 | 11,9700 | 11,9700 | 1           | 11,9700 | 11,6400    | 12   | 1            | 263           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 9,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2300     | 3    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 9,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 9,6000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8700     | 3    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 9,6000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 10,0000        | C                 | EUR               | 2,1500  | 2,1500  | 2,1500  | 1           | 2,1500  | 2,5100     | 3    | 10           | 21            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 12            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 10,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0800     | 2    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 10,5000        | P                 | EUR               | 0,2200  | 0,2200  | 0,2200  | 10          | 0,2200  | 0,2200     | 0    | 128          | 128           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 11,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     | 2    | 0            | 4             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 11,0000        | P                 | EUR               | 0,4500  | 0,4800  | 0,3000  | 5           | 0,3000  | 0,3200     | 0    | 97           | 206           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 11,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 11,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4700     | 0    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     | 1    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6600     | 1    | 0            | 88            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 12,5000        | C                 | EUR               | 0,6000  | 0,8000  | 0,6000  | 4           | 0,8000  | 0,7800     | 1    | 21           | 69            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 12,5000        | P                 | EUR               | 0,9000  | 0,9000  | 0,8000  | 2           | 0,8000  | 0,9200     | 1    | 6            | 34            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 13,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,5900     | 1    | 4            | 22            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 13,0000        | P                 | EUR               | 1,2500  | 1,2500  | 1,2500  | 1           | 1,2500  | 1,2300     | 1    | 2            | 32            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 13,5000        | C                 | EUR               | 0,4500  | 0,4700  | 0,4500  | 4           | 0,4700  | 0,4300     | 0    | 4            | 9             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 13,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     | 2    | 0            | 7             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 14,0000        | C                 | EUR               | 0,3300  | 0,3300  | 0,3300  | 3           | 0,3300  | 0,3200     | 0    | 20           | 135           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 14,0000        | P                 | EUR               | 2,3000  | 2,3000  | 2,3000  | 1           | 2,3000  | 1,9600     | 2    | 10           | 23            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 15,0000        | C                 | EUR               | 0,1800  | 0,1800  | 0,1800  | 1           | 0,1800  | 0,1900     | 0    | 2            | 7             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8300     | 3    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 19-10-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7400     | 4    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3900     | 5    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4300     | 4    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 2             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4600     | 3    | 0            | 1             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 38            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,0000        | C                 | EUR               | 2,4500  | 2,6500  | 2,4500  | 4           | 2,6500  | 2,5800     | 3    | 37           | 18            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,0000        | P                 | EUR               | 0,2900  | 0,3000  | 0,2700  | 3           | 0,2700  | 0,2200     | 0    | 6            | 74            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,0000        | C                 | EUR               | 1,5500  | 1,8500  | 1,5500  | 2           | 1,8500  | 1,7900     | 2    | 2            | 6             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,0000        | P                 | EUR               | 0,5500  | 0,5500  | 0,4300  | 4           | 0,4600  | 0,4400     | 0    | 35           | 51            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 12,0000        | C                 | EUR               | 1,0000  | 1,2300  | 1,0000  | 11          | 1,2300  | 1,1400     | 1    | 42           | 484           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 12,0000        | P                 | EUR               | 1,0000  | 1,0000  | 0,7500  | 21          | 0,7500  | 0,7800     | 1    | 475          | 588           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 13,0000        | C                 | EUR               | 0,6500  | 0,8000  | 0,6500  | 12          | 0,8000  | 0,6900     | 1    | 137          | 199           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 13,0000        | P                 | EUR               | 1,4500  | 1,4500  | 1,3000  | 2           | 1,3000  | 1,3400     | 1    | 20           | 338           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 14,0000        | C                 | EUR               | 0,4000  | 0,4500  | 0,4000  | 8           | 0,4500  | 0,4300     | 0    | 88           | 473           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 14,0000        | P                 | EUR               | 2,3500  | 2,3500  | 2,0500  | 5           | 2,0500  | 2,0800     | 2    | 27           | 152           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 15,0000        | C                 | EUR               | 0,2800  | 0,2800  | 0,2800  | 1           | 0,2800  | 0,2700     | 0    | 1            | 1468          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     | 3    | 0            | 224           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 16,0000        | C                 | EUR               | 0,1800  | 0,1800  | 0,1800  | 1           | 0,1800  | 0,1700     | 0    | 34           | 184           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8200     | 4    | 0            | 138           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 510           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 17,0000        | P                 | EUR               | 5,1500  | 5,1500  | 4,7000  | 2           | 4,7000  | 4,7700     | 5    | 5            | 421           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 1633          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 18,0000        | P                 | EUR               | 5,8000  | 5,8000  | 5,6500  | 3           | 5,6500  | 5,7200     | 6    | 3            | 1593          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 426           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6900     | 7    | 0            | 122           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 116           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6800     | 8    | 0            | 48            | 25-7-2018          |
| 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            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6700     | 10   | 0            | 13            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6700    | 12   | 0            | 6             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4200     | 5    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4400     | 4    | 0            | 0             | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,0000         | P                 | EUR               | 0,1000  | 0,1000  | 0,0900  | 2           | 0,0900  | 0,0800     | 0    | 8            | 83            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,0000         | C                 | EUR               | 3,6000  | 3,6000  | 3,6000  | 1           | 3,6000  | 3,5200     | 4    | 10           | 11            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 40            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 10,0000        | C                 | EUR               | 2,4000  | 2,7500  | 2,4000  | 7           | 2,7500  | 2,6700     | 3    | 58           | 228           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 10,0000        | P                 | EUR               | 0,4800  | 0,4800  | 0,3200  | 8           | 0,3200  | 0,3200     | 0    | 18           | 114           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 11,0000        | C                 | EUR               | 1,7500  | 1,8500  | 1,7500  | 3           | 1,8500  | 1,9500     | 2    | 37           | 83            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 11,0000        | P                 | EUR               | 0,7500  | 0,7500  | 0,5500  | 4           | 0,5500  | 0,6000     | 1    | 25           | 51            | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 12,0000        | C                 | EUR               | 1,2000  | 1,4000  | 1,1500  | 22          | 1,3500  | 1,3300     | 1    | 84           | 701           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 12,0000        | P                 | EUR               | 1,2000  | 1,2500  | 0,9000  | 12          | 0,9000  | 0,9800     | 1    | 57           | 450           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 13,0000        | C                 | EUR               | 0,8500  | 0,9500  | 0,8500  | 8           | 0,9000  | 0,8900     | 1    | 31           | 167           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 13,0000        | P                 | EUR               | 1,8000  | 1,8000  | 1,5000  | 4           | 1,5000  | 1,5500     | 2    | 13           | 152           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 14,0000        | C                 | EUR               | 0,5500  | 0,7000  | 0,5500  | 13          | 0,6000  | 0,6000     | 1    | 69           | 1304          | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 14,0000        | P                 | EUR               | 2,6000  | 2,6000  | 2,2000  | 6           | 2,2000  | 2,2600     | 2    | 15           | 725           | 25-7-2018          |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 16,0000        |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| 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        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7500     |      | 8            | 0                  | 72 25-7-2018       |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0 136 25-7-2018    |                    |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7300     |      | 10           | 0 0 25-7-2018      |                    |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0 0 25-7-2018      |                    |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 24,0000        | P                 | EUR               | 12,0300 | 12,0300 | 12,0300 | 1           | 12,0300 | 11,7100    |      | 12           | 1 1 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8190     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8173     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8160     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8130     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8093     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG6                       | Italgas - Stock Future       | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5891     |      | 5            | 0 0 25-7-2018      |                    |
| F                | WG8                       | Italgas - Dividend Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2080     |      | 0            | 0 200 25-7-2018    |                    |
| F                | WG8                       | Italgas - Dividend Future    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2130     |      | 0            | 0 0 25-7-2018      |                    |
| F                | WG8                       | Italgas - Dividend Future    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0 0 25-7-2018      |                    |
| F                | WG8                       | Italgas - Dividend Future    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2270     |      | 0            | 0 0 25-7-2018      |                    |
| F                | WG8                       | Italgas - Dividend Future    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2270     |      | 0            | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9727    |      | 32           | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9617    |      | 32           | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9529    |      | 32           | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,4333    |      | 31           | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,9096    |      | 31           | 0 0 25-7-2018      |                    |
| F                | WH6                       | Wereldhave NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,2594    |      | 30           | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4800     |      | 4            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0 97 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     |      | 3            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 29,0000        | P                 | EUR               | 0,0500  | 0,0500  | 0,0500  | 2           | 0,0500  | 0,0500     |      | 0            | 100 2540 25-7-2018 |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 30,0000        | C                 | EUR               | 2,3000  | 2,4500  | 2,3000  | 3           | 2,4500  | 2,4800     |      | 2            | 5 3 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 30,0000        | P                 | EUR               | 0,1300  | 0,1300  | 0,1300  | 1           | 0,1300  | 0,1100     |      | 0            | 1 162 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 31,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4900     |      | 1            | 0 2 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 31,0000        | P                 | EUR               | 0,2500  | 0,2700  | 0,2000  | 9           | 0,2000  | 0,2400     |      | 0            | 146 2699 25-7-2018 |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 32,0000        | C                 | EUR               | 0,4100  | 0,5500  | 0,4000  | 19          | 0,5000  | 0,5100     |      | 1            | 106 215 25-7-2018  |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 32,0000        | P                 | EUR               | 0,6000  | 0,6500  | 0,5000  | 10          | 0,5000  | 0,5800     |      | 1            | 96 478 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 33,0000        | C                 | EUR               | 0,1500  | 0,1600  | 0,1400  | 8           | 0,1500  | 0,1400     |      | 0            | 18 1171 25-7-2018  |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 33,0000        | P                 | EUR               | 1,2500  | 1,2500  | 1,2500  | 1           | 1,2500  | 1,2600     |      | 1            | 2 249 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 34,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0500  | 3           | 0,0500  | 0,0500     |      | 0            | 13 340 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1600     |      | 2            | 0 202 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 22 25 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1500     |      | 3            | 0 11 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 54 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 36,0000        | P                 | EUR               | 4,3500  | 4,3500  | 4,0500  | 9           | 4,1500  | 4,1600     |      | 4            | 87 70 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 17 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1300     |      | 6            | 0 2 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1300     |      | 8            | 0 54 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4800     |      | 8            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0 283 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4800     |      | 6            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0 84 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4900     |      | 4            | 0 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0 620 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 29,0000        | C                 | EUR               | 3,6000  | 3,6000  | 3,6000  | 2           | 3,6000  | 3,4900     |      | 3            | 3 0 25-7-2018      |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0 204 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 30,0000        | C                 | EUR               | 2,5100  | 2,5100  | 2,5100  | 1           | 2,5100  | 2,4900     |      | 2            | 35 19 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 30,0000        | P                 | EUR               | 0,2800  | 0,2800  | 0,2800  | 2           | 0,2800  | 0,3000     |      | 0            | 3 555 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 31,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4900     |      | 1            | 0 10 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 31,0000        | P                 | EUR               | 0,6000  | 0,6000  | 0,5000  | 2           | 0,5000  | 0,5200     |      | 1            | 10 201 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 32,0000        | C                 | EUR               | 0,7500  | 0,7700  | 0,7500  | 4           | 0,7500  | 0,7500     |      | 1            | 20 2295 25-7-2018  |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     |      | 1            | 0 769 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 33,0000        | C                 | EUR               | 0,3800  | 0,3800  | 0,3500  | 10          | 0,3600  | 0,3700     |      | 0            | 68 723 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 33,0000        | P                 | EUR               | 1,5000  | 1,5000  | 1,5000  | 4           | 1,5000  | 1,5300     |      | 2            | 31 276 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 34,0000        | C                 | EUR               | 0,1900  | 0,1900  | 0,1600  | 6           | 0,1800  | 0,1700     |      | 0            | 64 505 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3300     |      | 2            | 0 340 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 35,0000        | C                 | EUR               | 0,0900  | 0,0900  | 0,0900  | 1           | 0,0900  | 0,0700     |      | 0            | 50 549 25-7-2018   |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 35,0000        | P                 | EUR               | 3,4000  | 3,4000  | 3,1000  | 29          | 3,2000  | 3,2100     |      | 3            | 260 1445 25-7-2018 |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0 434 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1800     |      | 4            | 0 134 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 277 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 38,0000        | P                 | EUR               | 6,3000  | 6,3000  | 6,3000  | 1           | 6,3000  | 6,1600     |      | 6            | 5 380 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 307 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1600     |      | 8            | 0 579 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 344 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 42,0000        | P                 | EUR               | 10,3700 | 10,3700 | 10,3700 | 1           | 10,3700 | 10,1600    |      | 10           | 1 304 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 10 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1600    |      | 12           | 0 29 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 154 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 45,0000        | P                 | EUR               | 13,3500 | 13,3500 | 13,3500 | 1           | 13,3500 | 13,1600    |      | 13           | 1 183 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0 127 25-7-2018    |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1600    |      | 18           | 0 82 25-7-2018     |                    |
| O                | WHV                       | WERELDHAVE N.V.              | 21-9-2018   | 55,0000        | 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                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     | 0    | 0            | 3             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 31,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     | 2    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 31,0000        | P                 | EUR               | 0,7500  | 0,7500  | 0,7500  | 2           | 0,7500  | 0,7000     | 1    | 2            | 2             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 32,0000        | C                 | EUR               | 0,8500  | 0,8800  | 0,8500  | 3           | 0,8800  | 0,9500     | 1    | 5            | 8             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 32,0000        | P                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 1,1600     | 1    | 1            | 22            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 33,0000        | C                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5500     | 1    | 5            | 16            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 33,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7300     | 2    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 34,0000        | C                 | EUR               | 0,3000  | 0,3200  | 0,3000  | 3           | 0,3200  | 0,3000     | 0    | 8            | 11            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4600     | 2    | 0            | 1             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2600     | 0    | 0            | 20            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1800     | 6    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 19-10-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1600     | 8    | 0            | 1             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 24,0000        | C                 | EUR               | 8,5000  | 8,6000  | 8,5000  | 5           | 8,5000  | 8,4800     | 8    | 25           | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 24,0000        | P                 | EUR               | 0,1300  | 0,1300  | 0,1200  | 2           | 0,1200  | 0,1200     | 0    | 4            | 264           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 26,0000        | C                 | EUR               | 6,2500  | 6,6000  | 6,2500  | 8           | 6,5000  | 6,4800     | 6    | 120          | 13            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 931           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 28,0000        | C                 | EUR               | 4,5500  | 4,5500  | 4,4000  | 3           | 4,4000  | 4,4900     | 4    | 242          | 17            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 473           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 29,0000        | C                 | EUR               | 3,3000  | 3,6400  | 3,3000  | 8           | 3,6400  | 3,4900     | 3    | 192          | 125           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 254           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 2,3500  | 2,6000  | 2,3500  | 4           | 2,6000  | 2,4900     | 2    | 56           | 841           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 30,0000        | P                 | EUR               | 0,9000  | 0,9000  | 0,8000  | 5           | 0,8000  | 0,8500     | 1    | 131          | 1231          | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 32,0000        | C                 | EUR               | 1,0500  | 1,1000  | 1,0500  | 2           | 1,1000  | 1,0900     | 1    | 2            | 413           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 32,0000        | P                 | EUR               | 1,8500  | 1,8500  | 1,8500  | 1           | 1,8500  | 1,7300     | 2    | 5            | 486           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 712           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1300     | 3    | 0            | 569           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 35,0000        | C                 | EUR               | 0,2200  | 0,2500  | 0,2200  | 3           | 0,2500  | 0,2400     | 0    | 6            | 1129          | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 35,0000        | P                 | EUR               | 4,0000  | 4,0000  | 4,0000  | 1           | 4,0000  | 3,9600     | 4    | 1            | 1229          | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 1132          | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8800     | 5    | 0            | 395           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 552           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8100     | 7    | 0            | 1036          | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 585           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 40,0000        | P                 | EUR               | 8,9000  | 8,9000  | 8,9000  | 1           | 8,9000  | 8,7600     | 9    | 1            | 604           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 524           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7600    | 11   | 0            | 256           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7600    | 13   | 0            | 98            | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 14,0000 | 14,0000 | 13,7200 | 3           | 13,7200 | 13,7600    | 14   | 60           | 179           | 25-7-2018          |
| 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           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8100    | 19   | 0            | 135           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7600    | 24   | 0            | 614           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4800     | 8    | 0            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 445           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 26,0000        | C                 | EUR               | 6,5500  | 6,5500  | 6,5500  | 1           | 6,5500  | 6,4900     | 6    | 15           | 1             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 870           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 28,0000        | C                 | EUR               | 4,5500  | 4,5500  | 4,5500  | 1           | 4,5500  | 4,4900     | 4    | 235          | 59            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 427           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 29,0000        | C                 | EUR               | 3,5500  | 3,6500  | 3,5500  | 7           | 3,6500  | 3,4900     | 3    | 191          | 46            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     | 1    | 0            | 202           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 30,0000        | C                 | EUR               | 2,5500  | 2,5500  | 2,5500  | 1           | 2,5500  | 2,4900     | 2    | 8            | 530           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 599           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 32,0000        | C                 | EUR               | 1,1000  | 1,3000  | 1,1000  | 3           | 1,3000  | 1,2200     | 1    | 11           | 255           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3800     | 2    | 0            | 237           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 34,0000        | C                 | EUR               | 0,5000  | 0,5500  | 0,4900  | 6           | 0,5500  | 0,5500     | 1    | 20           | 553           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 34,0000        | P                 | EUR               | 3,8000  | 3,8000  | 3,8000  | 1           | 3,8000  | 3,8300     | 4    | 1            | 337           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 322           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 36,0000        | P                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 5,5600     | 6    | 0            | 246           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 38,0000        | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,0700     | 0    | 10           | 105           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4100     | 7    | 0            | 245           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 25            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3600     | 9    | 0            | 256           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3600    | 14   | 0            | 283           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3600    | 19   | 0            | 113           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 24,0000        | C                 | EUR               | 8,5200  | 8,5200  | 8,5200  | 1           | 8,5200  | 8,4800     | 8    | 1            | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     | 0    | 0            | 18            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 26,0000        | C                 | EUR               | 6,5500  | 6,5500  | 6,5200  | 3           | 6,5300  | 6,5600     | 7    | 60           | 0             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     | 1    | 0            | 401           | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4900     | 4    | 0            | 20            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V. | 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                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 11            | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 40,0000        | P                 | EUR               | 10,1700 | 10,1700 | 10,1700 | 1           | 10,1700 | 10,0300    | 0    | 1            | 62            | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,9800    | 15   | 0            | 122           | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9800    | 20   | 0            | 258           | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,7283    | 52   | 0            | 0             | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,4405    | 51   | 0            | 0             | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,4263    | 51   | 0            | 0             | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,3943    | 51   | 0            | 0             | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,3551    | 51   | 0            | 0             | 25-7-2018          |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,8211    | 51   | 0            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7400    | 12   | 0            | 7             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7400     | 10   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 26            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7400     | 8    | 0            | 21            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 28            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 3             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 24            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 46,0000        | C                 | EUR               | 5,4500  | 5,4500  | 5,4500  | 2           | 5,4500  | 5,7700     | 6    | 2            | 49            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 49            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 47,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8100     | 5    | 0            | 60            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 47,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 230           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8600     | 4    | 0            | 72            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 75            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 49,0000        | C                 | EUR               | 2,9800  | 2,9800  | 2,9100  | 2           | 2,9100  | 2,9600     | 3    | 21           | 90            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 49,0000        | P                 | EUR               | 0,2000  | 0,2000  | 0,2000  | 1           | 0,2000  | 0,2300     | 0    | 0            | 71            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 50,0000        | C                 | EUR               | 1,9100  | 2,2600  | 1,9100  | 2           | 2,2600  | 2,1400     | 2    | 21           | 76            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 50,0000        | P                 | EUR               | 0,4300  | 0,4300  | 0,4000  | 3           | 0,4200  | 0,4100     | 0    | 24           | 105           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 51,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4300     | 1    | 0            | 33            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 53            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 52,0000        | C                 | EUR               | 0,8400  | 0,8400  | 0,8400  | 1           | 0,8400  | 0,8700     | 1    | 2            | 86            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 52,0000        | P                 | EUR               | 1,1100  | 1,2100  | 1,1100  | 3           | 1,2100  | 1,1400     | 1    | 5            | 186           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 53,0000        | C                 | EUR               | 0,3900  | 0,4400  | 0,3900  | 3           | 0,4400  | 0,4700     | 0    | 12           | 16            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7400     | 2    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 54,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,2400     | 0    | 2            | 24            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 54,0000        | P                 | EUR               | 2,3800  | 2,3800  | 2,3800  | 1           | 2,3800  | 2,5100     | 3    | 1            | 55            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3300     | 4    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 17-8-2018   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2800     | 6    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7400    | 24   | 0            | 3             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    | 22   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 255           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7400    | 16   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 89            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7400    | 14   | 0            | 73            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 77            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7400    | 12   | 0            | 56            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 123           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7400     | 10   | 0            | 104           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 67            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7600     | 8    | 0            | 279           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 167           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7700     | 7    | 0            | 147           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 45,0000        | P                 | EUR               | 0,0900  | 0,0900  | 0,0900  | 1           | 0,0900  | 0,1000     | 0    | 10           | 120           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 46,0000        | C                 | EUR               | 5,5000  | 5,5000  | 5,5000  | 1           | 5,5000  | 5,8100     | 6    | 1            | 144           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 161           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 47,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8600     | 5    | 0            | 4             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 47,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 155           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9600     | 4    | 0            | 373           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 139           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 49,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1200     | 3    | 0            | 46            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 49,0000        | P                 | EUR               | 0,5800  | 0,5900  | 0,5800  | 2           | 0,5900  | 0,5700     | 1    | 5            | 51            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3500     | 2    | 0            | 138           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 50,0000        | P                 | EUR               | 0,8900  | 0,8900  | 0,8000  | 7           | 0,8000  | 0,8300     | 1    | 65           | 540           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 51,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     | 2    | 0            | 10            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 17            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 52,0000        | C                 | EUR               | 1,1000  | 1,1900  | 1,1000  | 4           | 1,1700  | 1,1600     | 1    | 24           | 185           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                   | 21-9-2018   | 52,0000        | P                 | EUR               | 1,5500  | 1,6600  | 1,5500  | 3           |         |            |      |              |               |                    |



| 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  | 21-9-2018   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-9-2018   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     | 7    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-9-2018   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-9-2018   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5800     | 9    | 0            | 37            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-9-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-9-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5700    | 19   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8500     | 6    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 5             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 48,0000        | C                 | EUR               | 3,7500 | 3,7500 | 3,7500 | 1           | 3,7500 | 4,0500     | 4    | 1            | 11            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 48,0000        | P                 | EUR               | 0,5200 | 0,5200 | 0,5200 | 1           | 0,5200 | 0,5300     | 1    | 1            | 5             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 2             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 4             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 52,0000        | C                 | EUR               | 1,3300 | 1,3300 | 1,3300 | 1           | 1,3300 | 1,3500     | 1    | 20           | 20            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 52,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,9200     | 2    | 20           | 20            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 53,0000        | P                 | EUR               | 2,4500 | 2,4500 | 2,4500 | 2           | 2,4500 | 2,5100     | 3    | 5            | 5             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 2             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     | 3    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     | 5    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 19-10-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6800     | 7    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7400    | 27   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 77           | 77            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7400    | 24   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 5            | 5             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7400    | 22   | 0            | 18            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 277          | 277           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7400    | 17   | 0            | 35            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 444          | 444           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7400    | 14   | 0            | 5             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 46           | 46            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7500    | 12   | 0            | 352           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 255           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7800     | 10   | 0            | 151           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 256          | 256           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8600     | 8    | 0            | 76            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 212           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9400     | 7    | 0            | 587           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 363           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     | 6    | 0            | 95            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 60            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 52            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 72            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 320           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 50,0000        | P                 | EUR               | 1,6800 | 1,6800 | 1,6800 | 1           | 1,6800 | 1,5900     | 2    | 35           | 67            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 44            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 17            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     | 4    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 106           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     | 4    | 0            | 106           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 60,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1400     | 0    | 10           | 80            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7600     | 9    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6300    | 19   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7400    | 24   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7400    | 22   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,167400   | 17   | 0            | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 210           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7800    | 12   | 0            | 15            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 57            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8700     | 10   | 0            | 24            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 69            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0400     | 8    | 0            | 24            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 82            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3600     | 6    | 0            | 37            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 66            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     | 5    | 0            | 125           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 18            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 254           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     | 2    | 0            | 33            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 52,0000        | 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                | WKL                       | WOLTERS-KLUWER                             | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7100    |      | 19           | 0             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,7400    |      | 27           | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 20            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    |      | 22           | 0             | 2 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 45            | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7400    |      | 17           | 0             | 16 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 249           | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 40,0000        | C                 | EUR               | 11,6000 | 11,6000 | 11,6000 | 1           | 11,6000 | 11,8600    |      | 12           | 2             | 162 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 40,0000        | P                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5300     |      | 1            | 2             | 272 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4800     |      | 7            | 0             | 251 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3500     |      | 1            | 0             | 428 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7100     |      | 2            | 0             | 15 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     |      | 2            | 0             | 59 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2700     |      | 5            | 0             | 12 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2300     |      | 2            | 0             | 12 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0100     |      | 4            | 0             | 762 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 50,0000        | P                 | EUR               | 3,1500  | 3,1500  | 3,0000  | 8           | 3,1000  | 3,0300     |      | 3            | 80            | 316 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9400     |      | 3            | 0             | 3 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0000     |      | 4            | 0             | 15 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     |      | 2            | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2300     |      | 5            | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7900     |      | 2            | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9200     |      | 6            | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 7 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8700     |      | 10           | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3200    |      | 19           | 0             | 10 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    |      | 22           | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 8 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7500    |      | 17           | 0             | 15 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     |      | 0            | 0             | 140 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0100    |      | 12           | 0             | 28 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9700     |      | 1            | 0             | 54 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9000     |      | 8            | 0             | 144 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0800     |      | 2            | 0             | 81 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6500     |      | 5            | 0             | 96 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9800     |      | 4            | 0             | 89 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4400     |      | 2            | 0             | 136 25-7-2018      |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8600     |      | 7            | 0             | 4 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 60,0000        | C                 | EUR               | 1,0800  | 1,0800  | 1,0800  | 1           | 1,0800  | 1,1800     |      | 1            | 1             | 28 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6500    |      | 11           | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    |      | 22           | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 4             | 25-7-2018          |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7700    |      | 17           | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 12 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1600    |      | 12           | 0             | 1 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     |      | 1            | 0             | 9 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2300     |      | 8            | 0             | 19 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7700     |      | 3            | 0             | 17 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1300     |      | 5            | 0             | 20 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 50,0000        | P                 | EUR               | 5,0000  | 5,0000  | 5,0000  | 1           | 5,0000  | 4,8500     |      | 5            | 2             | 6 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9600     |      | 3            | 0             | 41 25-7-2018       |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8000     |      | 8            | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     |      | 2            | 0             | 0 25-7-2018        |
| O                | WKL                       | WOLTERS-KLUWER                             | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5400    |      | 12           | 0             | 1 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 256,3900   |      | 256          | 0             | 0 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 256,5400   |      | 257          | 0             | 0 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 256,6600   |      | 257          | 0             | 0 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 256,9600   |      | 257          | 0             | 0 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 257,4100   |      | 257          | 0             | 0 25-7-2018        |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future  | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 253,3100   |      | 253          | 0             | 0 25-7-2018        |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2300     |      | 6            | 0             | 0 25-7-2018        |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7300     |      | 7            | 0             | 0 25-7-2018        |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4000     |      | 7            | 0             | 0 25-7-2018        |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8000     |      | 8            | 0             | 0 25-7-2018        |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8000     |      | 8            | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6107,1500  |      | 6107         | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6110,6100  |      | 6111         | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6113,5400  |      | 6114         | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6035,5300  |      | 6036         | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6046,2000  |      | 6046         | 0             | 0 25-7-2018        |
| F                | WO6                       | Ferguson - Stock Future                    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6015,7400  |      | 6016         | 0             | 0 25-7-2018        |
| F                | WP6                       | WPP - Stock Future                         | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1176,4100  |      | 1176         | 0             | 0 25-7-2018        |
| F                | WP6                       | WPP - Stock Future                         | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1177,0800  |      | 1177         | 0             | 0 25-7-2018        |
| F                | WP6                       | WPP - Stock Future                         | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1154,6400  |      | 1155         | 0             | 0 25-7-2018        |
| F                | WP6                       | WPP - Stock Future                         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1155,9900  |      | 1156         | 0             | 0 25-7-2018        |
| F                | WP6                       | WPP - Stock Future                         | 15-3-2019   | 0,0000         |                   | GBX               | 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                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8344    |      | 22           | 0             | 25-7-2018          |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8391    |      | 22           | 0             | 25-7-2018          |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8331    |      | 22           | 0             | 25-7-2018          |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5161    |      | 20           | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 16-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6552     |      | 4            | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6539     |      | 4            | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 18-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6529     |      | 4            | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6507     |      | 4            | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5596     |      | 4            | 0             | 25-7-2018          |
| F                | WS6                       | SNAM - Stock Future                           | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5573     |      | 4            | 0             | 25-7-2018          |
| F                | WS8                       | SNAM - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2155     |      | 0            | 500           | 25-7-2018          |
| F                | WS8                       | SNAM - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2150     |      | 0            | 1780          | 25-7-2018          |
| F                | WS8                       | SNAM - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 700           | 25-7-2018          |
| F                | WS8                       | SNAM - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 50            | 25-7-2018          |
| F                | WS8                       | SNAM - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 17-8-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 353,7313   |      | 354          | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 21-9-2018   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 354,0513   |      | 354          | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 19-10-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 354,5285   |      | 355          | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 355,4293   |      | 355          | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 356,7238   |      | 357          | 0             | 25-7-2018          |
| F                | YA6                       | Yara International - Stock Future             | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 349,6802   |      | 350          | 0             | 25-7-2018          |
| F                | YC8                       | Bank Of America - Dividend Future             | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 25-7-2018          |
| F                | YC8                       | Bank Of America - Dividend Future             | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 25-7-2018          |
| F                | YC8                       | Bank Of America - Dividend Future             | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 25-7-2018          |
| F                | YC8                       | Bank Of America - Dividend Future             | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 25-7-2018          |
| F                | YC8                       | Bank Of America - Dividend Future             | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 25-7-2018          |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8412     |      | 3            | 0             | 25-7-2018          |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     |      | 3            | 0             | 25-7-2018          |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     |      | 3            | 0             | 25-7-2018          |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     |      | 3            | 0             | 25-7-2018          |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     |      | 3            | 0             | 25-7-2018          |
| F                | YE8                       | Pfizer - Dividend Future                      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 25-7-2018          |
| F                | YE8                       | Pfizer - Dividend Future                      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 25-7-2018          |
| F                | YE8                       | Pfizer - Dividend Future                      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 25-7-2018          |
| F                | YE8                       | Pfizer - Dividend Future                      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 25-7-2018          |
| F                | YE8                       | Pfizer - Dividend Future                      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 25-7-2018          |
| F                | YF8                       | Chevron - Dividend Future                     | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 25-7-2018          |
| F                | YF8                       | Chevron - Dividend Future                     | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 25-7-2018          |
| F                | YF8                       | Chevron - Dividend Future                     | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     |      | 5            | 0             | 25-7-2018          |
| F                | YF8                       | Chevron - Dividend Future                     | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     |      | 5            | 0             | 25-7-2018          |
| F                | YF8                       | Chevron - Dividend Future                     | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     |      | 5            | 0             | 25-7-2018          |
| F                | YG8                       | Verizon Communications - Dividend Future      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3850     |      | 2            | 0             | 25-7-2018          |
| F                | YG8                       | Verizon Communications - Dividend Future      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4350     |      | 2            | 0             | 25-7-2018          |
| F                | YG8                       | Verizon Communications - Dividend Future      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4850     |      | 2            | 0             | 25-7-2018          |
| F                | YG8                       | Verizon Communications - Dividend Future      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4850     |      | 2            | 0             | 25-7-2018          |
| F                | YG8                       | Verizon Communications - Dividend Future      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4850     |      | 2            | 0             | 25-7-2018          |
| F                | YH8                       | Home Depot - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 25-7-2018          |
| F                | YH8                       | Home Depot - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 25-7-2018          |
| F                | YH8                       | Home Depot - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 25-7-2018          |
| F                | YH8                       | Home Depot - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 25-7-2018          |
| F                | YH8                       | Home Depot - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1488     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1471     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1456     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1424     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1385     |      | 5            | 0             | 25-7-2018          |
| F                | YI6                       | YIT OYJ - Stock Future                        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1351     |      | 5            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | YK8                       | AENA SME - Dividend Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     |      | 7            | 0             | 25-7-2018          |
| F                | YK8                       | AENA SME - Dividend Future                    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     |      | 7            | 0             | 25-7-2018          |
| F                | YK8                       | AENA SME - Dividend Future                    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 25-7-2018          |
| F                | YK8                       | AENA SME - Dividend Future                    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     |      | 7            | 0             | 25-7-2018          |
| F                | YK8                       | AENA SME - Dividend Future                    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 25-7-2018          |
| F                | YL8                       | Merck & Co - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 25-7-2018          |
| F                | YL8                       | Merck & Co - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 25-7-2018          |
| F                | YL8                       | Merck & Co - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 25-7-2018          |
| F                | YL8                       | Merck & Co - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 25-7-2018          |
| F                | YL8                       | Merck & Co - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 25-7-2018          |
| F                | YM8                       | Intel - Dividend Future                       | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 25-7-2018          |
| F                | YM8                       | Intel - Dividend Future                       | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 25-7-2018          |
| F                | YM8                       | Intel - Dividend Future                       | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |
| F                | YM8                       | Intel - Dividend Future                       | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |
| F                | YM8                       | Intel - Dividend Future                       | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 25-7-2018          |
| F                | YN8                       | Cisco Systems - Dividend Future               | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 25-7-2018          |
| F                | YN8                       | Cisco Systems - Dividend Future               | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 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 |
|------------------|---------------------------|--------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | Y08                       | Citigroup - Dividend Future    | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Citigroup - Dividend Future    | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Visa Inc - Dividend Future     | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Visa Inc - Dividend Future     | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Visa Inc - Dividend Future     | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Visa Inc - Dividend Future     | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Visa Inc - Dividend Future     | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Walt Disney - Dividend Future  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Walt Disney - Dividend Future  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Walt Disney - Dividend Future  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Walt Disney - Dividend Future  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Walt Disney - Dividend Future  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Coca-Cola - Dividend Future    | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Coca-Cola - Dividend Future    | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Coca-Cola - Dividend Future    | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Coca-Cola - Dividend Future    | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 25-7-2018          |
| F                | Y08                       | Coca-Cola - Dividend Future    | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,7700   |      | 187          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,8700   |      | 187          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 186,9600   |      | 187          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 187,1800   |      | 187          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,0100   |      | 184          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Stock Future        | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 184,4400   |      | 184          | 0             | 25-7-2018          |
| F                | Y56                       | Barclays - Dividend Future     | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 25-7-2018          |
| F                | Y58                       | Barclays - Dividend Future     | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 25-7-2018          |
| F                | Y58                       | Barclays - Dividend Future     | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 25-7-2018          |
| F                | Y58                       | Barclays - Dividend Future     | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 25-7-2018          |
| F                | Y58                       | Barclays - Dividend Future     | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | Pepsico - Dividend Future      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3850     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Pepsico - Dividend Future      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | Pepsico - Dividend Future      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | Pepsico - Dividend Future      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | Pepsico - Dividend Future      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | UnitedHealth - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2250     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | UnitedHealth - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5250     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | UnitedHealth - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8250     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | UnitedHealth - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | UnitedHealth - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 25-7-2018          |
| F                | Y08                       | IBM - Dividend Future          | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     |      | 6            | 0             | 25-7-2018          |
| F                | Y08                       | IBM - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7000     |      | 7            | 0             | 25-7-2018          |
| F                | Y08                       | IBM - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 25-7-2018          |
| F                | Y08                       | IBM - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 25-7-2018          |
| F                | Y08                       | IBM - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 25-7-2018          |
| F                | Y08                       | Altria Group - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Altria Group - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Altria Group - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Altria Group - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Altria Group - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 25-7-2018          |
| F                | Y08                       | Oracle - Dividend Future       | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Oracle - Dividend Future       | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Oracle - Dividend Future       | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Oracle - Dividend Future       | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Oracle - Dividend Future       | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 25-7-2018          |
| F                | Y08                       | Amgen - Dividend Future        | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 25-7-2018          |
| F                | Y08                       | Amgen - Dividend Future        | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0800     |      | 6            | 0             | 25-7-2018          |
| F                | Y08                       | Amgen - Dividend Future        | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 25-7-2018          |
| F                | Y08                       | Amgen - Dividend Future        | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 25-7-2018          |
| F                | Y08                       | Amgen - Dividend Future        | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 25-7-2018          |
| F                | Z08                       | 3M - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 25-7-2018          |
| F                | Z08                       | 3M - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5600     |      | 6            | 0             | 25-7-2018          |
| F                | Z08                       | 3M - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 25-7-2018          |
| F                | Z08                       | 3M - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 25-7-2018          |
| F                | Z08                       | 3M - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 25-7-2018          |
| F                | Z08                       | Medtronic - Dividend Future    | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Medtronic - Dividend Future    | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Medtronic - Dividend Future    | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Medtronic - Dividend Future    | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Medtronic - Dividend Future    | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Schlumberger - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Schlumberger - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Schlumberger - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 25-7-2018          |
| F                | Z08                       | Schlumberger - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | Z08                       | Schlumberger - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | Z08                       | Walmart Inc. - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Walmart Inc. - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Walmart Inc. - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Walmart Inc. - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | Walmart Inc. - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 25-7-2018          |
| F                | Z08                       | McDonalds - Dividend Future    | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      |              |               |                    |



| 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 |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | ZG8                       | Mastercard - A - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 25-7-2018          |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 25-7-2018          |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 25-7-2018          |
| F                | ZH8                       | AbbVie - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 25-7-2018          |
| F                | ZH8                       | AbbVie - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 25-7-2018          |
| F                | ZH8                       | AbbVie - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     |      | 3            | 0             | 25-7-2018          |
| F                | ZH8                       | AbbVie - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 25-7-2018          |
| F                | ZH8                       | AbbVie - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 17-8-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 297,7680   |      | 298          | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 21-9-2018   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 297,6584   |      | 298          | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 19-10-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 297,4953   |      | 297          | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 297,2381   |      | 297          | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 296,9274   |      | 297          | 0             | 25-7-2018          |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 277,5771   |      | 278          | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | ZI8                       | Boeing - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     |      | 7            | 0             | 25-7-2018          |
| F                | ZI8                       | Boeing - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3600     |      | 7            | 0             | 25-7-2018          |
| F                | ZI8                       | Boeing - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0800     |      | 8            | 0             | 25-7-2018          |
| F                | ZI8                       | Boeing - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8000     |      | 9            | 0             | 25-7-2018          |
| F                | ZI8                       | Boeing - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8000     |      | 9            | 0             | 25-7-2018          |
| F                | ZK8                       | Honeywell International - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 25-7-2018          |
| F                | ZK8                       | Honeywell International - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 25-7-2018          |
| F                | ZK8                       | Honeywell International - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 25-7-2018          |
| F                | ZK8                       | Honeywell International - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 25-7-2018          |
| F                | ZK8                       | Honeywell International - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 25-7-2018          |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 25-7-2018          |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 25-7-2018          |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 25-7-2018          |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 17-8-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5499,5500  |      | 5500         | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 21-9-2018   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5502,6700  |      | 5503         | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 19-10-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5505,3100  |      | 5505         | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5511,7500  |      | 5512         | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5377,4100  |      | 5377         | 0             | 25-7-2018          |
| F                | ZN6                       | AstraZeneca - Stock Future                | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5390,0000  |      | 5390         | 0             | 25-7-2018          |
| F                | ZN8                       | AstraZeneca - Dividend Future             | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | ZN8                       | AstraZeneca - Dividend Future             | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | ZN8                       | AstraZeneca - Dividend Future             | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | ZN8                       | AstraZeneca - Dividend Future             | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | ZN8                       | AstraZeneca - Dividend Future             | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1382     |      | 8            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1353     |      | 8            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0491     |      | 8            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0441     |      | 8            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9540     |      | 8            | 0             | 25-7-2018          |
| F                | ZO6                       | Zardoya Otis SA - Stock Future            | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8588     |      | 8            | 0             | 25-7-2018          |
| F                | ZQ8                       | Broadcom - Dividend Future                | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 25-7-2018          |
| F                | ZQ8                       | Broadcom - Dividend Future                | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 25-7-2018          |
| F                | ZQ8                       | Broadcom - Dividend Future                | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     |      | 7            | 0             | 25-7-2018          |
| F                | ZQ8                       | Broadcom - Dividend Future                | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6500     |      | 8            | 0             | 25-7-2018          |
| F                | ZQ8                       | Broadcom - Dividend Future                | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6500     |      | 8            | 0             | 25-7-2018          |
| F                | ZR8                       | Union Pacific - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     |      | 3            | 0             | 25-7-2018          |
| F                | ZR8                       | Union Pacific - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 25-7-2018          |
| F                | ZR8                       | Union Pacific - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     |      | 3            | 0             | 25-7-2018          |
| F                | ZR8                       | Union Pacific - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 25-7-2018          |
| F                | ZR8                       | Union Pacific - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| 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             | 25-7-2018          |
| F                | ZT8                       | Starbucks - Dividend Future               | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 25-7-2018          |
| F                | ZT8                       | Starbucks - Dividend Future               | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 25-7-2018          |
| F                | ZT8                       | Starbucks - Dividend Future               | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 25-7-2018          |
| F                | ZT8                       | Starbucks - Dividend Future               | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 25-7-2018          |
| F                | ZT8                       | Starbucks - Dividend Future               | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 25-7-2018          |
| F                | ZU8                       | Qualcomm - Dividend Future                | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 25-7-2018          |
| F                | ZV8                       | United Technologies - Dividend Future     | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     |      | 3            | 0             | 25-7-2018          |
| F                | ZV8                       | United Technologies - Dividend Future     | 17-1-2020   | 0,0000         |                   | USD               | 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 |
|------------------|---------------------------|-------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | ZW8                       | US Bancorp - Dividend Future        | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 0             | 25-7-2018          |
| F                | ZW8                       | US Bancorp - Dividend Future        | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| 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            | 0             | 25-7-2018          |
| F                | ZY8                       | Texas Instruments - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 0             | 25-7-2018          |
| F                | ZY8                       | Texas Instruments - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| F                | ZY8                       | Texas Instruments - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| F                | ZY8                       | Texas Instruments - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| F                | ZY8                       | Texas Instruments - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 25-7-2018          |
| F                | ZZ8                       | CVS Health - Dividend Future        | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 25-7-2018          |
| F                | ZZ8                       | CVS Health - Dividend Future        | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 0             | 25-7-2018          |
| F                | ZZ8                       | CVS Health - Dividend Future        | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 0             | 25-7-2018          |
| F                | ZZ8                       | CVS Health - Dividend Future        | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 0             | 25-7-2018          |
| F                | ZZ8                       | CVS Health - Dividend Future        | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 0             | 25-7-2018          |

\* 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 | 3-8-2018    | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 571,8500   | 572  | 0            | 0             | 25-7-2018          |           |
| F                | 2FT                       | AEX Index Weekly Future - Week 2 | 10-8-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 569,5000   | 570  | 0            | 0             | 25-7-2018          |           |
| F                | 4FT                       | AEX Index Weekly Future - Week 4 | 27-7-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 572,8500   | 573  | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 552,0000       | C                 | EUR               | 21,2000 | 21,2500 | 19,8500 | 9           | 20,1500 |            |      | 12           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 552,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 1           | 0,0100  |            |      | 1            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 554,0000       | C                 | EUR               | 18,9500 | 18,9500 | 17,7500 | 2           | 17,7500 |            |      | 2            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 554,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 556,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 556,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 558,0000       | C                 | EUR               | 15,6500 | 15,6500 | 14,2000 | 2           | 14,2000 |            |      | 7            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 558,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 560,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 4           | 0,0100  |            |      | 13           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 562,0000       | C                 | EUR               | 11,6000 | 11,6000 | 10,1000 | 4           | 10,1000 |            |      | 22           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 562,0000       | P                 | EUR               | 0,0200  | 0,0200  | 0,0100  | 4           | 0,0100  |            |      | 13           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 564,0000       | C                 | EUR               | 10,0000 | 10,0000 | 7,8000  | 3           | 7,8000  |            |      | 14           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 564,0000       | P                 | EUR               | 0,0200  | 0,0200  | 0,0100  | 3           | 0,0100  |            |      | 4            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 565,0000       | C                 | EUR               | 7,2000  | 7,2000  | 7,2000  | 1           | 7,2000  |            |      | 1            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 565,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 4           | 0,0100  |            |      | 6            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 566,0000       | C                 | EUR               | 7,4000  | 7,4000  | 6,0000  | 6           | 6,2000  |            |      | 15           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 566,0000       | P                 | EUR               | 0,0200  | 0,0300  | 0,0100  | 4           | 0,0100  |            |      | 16           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 567,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 567,0000       | P                 | EUR               | 0,0300  | 0,0300  | 0,0100  | 5           | 0,0100  |            |      | 16           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 568,0000       | C                 | EUR               | 5,0500  | 5,1500  | 3,9000  | 6           | 3,9000  |            |      | 8            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 568,0000       | P                 | EUR               | 0,0600  | 0,0600  | 0,0100  | 22          | 0,0100  |            |      | 28           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 569,0000       | C                 | EUR               | 4,2000  | 4,2000  | 2,8000  | 4           | 3,2000  |            |      | 5            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 569,0000       | P                 | EUR               | 0,1300  | 0,1300  | 0,0100  | 53          | 0,0100  |            |      | 209          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 570,0000       | C                 | EUR               | 3,2500  | 3,2500  | 1,9000  | 11          | 2,2000  |            |      | 36           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 570,0000       | P                 | EUR               | 0,1900  | 0,1900  | 0,0100  | 74          | 0,0100  |            |      | 179          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 571,0000       | C                 | EUR               | 2,7500  | 3,2000  | 0,9000  | 16          | 0,9500  |            |      | 45           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 571,0000       | P                 | EUR               | 0,2700  | 0,3800  | 0,0100  | 120         | 0,0100  |            |      | 386          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 572,0000       | C                 | EUR               | 1,9000  | 2,3000  | 0,1000  | 207         | 0,2000  |            |      | 466          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 572,0000       | P                 | EUR               | 0,6500  | 0,8300  | 0,0100  | 266         | 0,0100  |            |      | 740          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 573,0000       | C                 | EUR               | 1,0000  | 1,4500  | 0,0100  | 201         | 0,0100  |            |      | 753          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 573,0000       | P                 | EUR               | 1,0000  | 1,4700  | 0,4800  | 152         | 0,8200  |            |      | 433          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 574,0000       | C                 | EUR               | 0,6500  | 0,9000  | 0,0100  | 227         | 0,0100  |            |      | 683          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 574,0000       | P                 | EUR               | 1,1000  | 2,3500  | 0,8000  | 190         | 1,8000  |            |      | 669          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 575,0000       | C                 | EUR               | 0,4000  | 0,4800  | 0,0100  | 98          | 0,0100  |            |      | 384          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 575,0000       | P                 | EUR               | 1,8500  | 3,1000  | 1,6500  | 18          | 2,8000  |            |      | 20           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 576,0000       | C                 | EUR               | 0,2000  | 0,2000  | 0,0100  | 66          | 0,0100  |            |      | 367          | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 576,0000       | P                 | EUR               | 2,7000  | 4,1100  | 2,1000  | 26          | 4,1100  |            |      | 41           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 578,0000       | C                 | EUR               | 0,0400  | 0,0600  | 0,0100  | 25          | 0,0100  |            |      | 99           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 578,0000       | P                 | EUR               | 4,5000  | 5,1000  | 4,5000  | 2           | 5,1000  |            |      | 31           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 580,0000       | C                 | EUR               | 0,0300  | 0,0300  | 0,0100  | 7           | 0,0100  |            |      | 15           | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 580,0000       | P                 | EUR               | 6,2500  | 7,9500  | 6,2500  | 3           | 7,9500  |            |      | 3            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 582,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 582,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 584,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 584,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 586,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 25-7-2018          |           |
| O                | A25                       | AEX Daily Option - 25th          | 25-7-2018   | 586,0000       | P                 | EUR               | 14,0000 | 14,0000 | 14,0000 | 1           | 14,0000 |            |      | 2            | 0             | 25-7-2018          |           |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 554,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8700    |      | 19           | 0             | 25-7-2018          |           |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 554,0000       | P                 | EUR               | 0,0400  | 0,0400  | 0,0300  | 4           | 0,0400  | 0,0200     |      | 0            | 19            | 19                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 556,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8800    |      | 17           | 0             | 25-7-2018          |           |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 556,0000       | P                 | EUR               | 0,0600  | 0,0600  | 0,0400  | 2           | 0,0400  | 0,0300     |      | 0            | 24            | 24                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 558,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8800    |      | 15           | 0             | 25-7-2018          |           |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 558,0000       | P                 | EUR               | 0,0500  | 0,0500  | 0,0400  | 3           | 0,0400  | 0,0300     |      | 0            | 18            | 18                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9000    |      | 13           | 0             | 25-7-2018          |           |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 560,0000       | P                 | EUR               | 0,0700  | 0,0800  | 0,0600  | 10          | 0,0800  | 0,0500     |      | 0            | 31            | 28                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 562,0000       | C                 | EUR               | 11,8500 | 12,0000 | 11,8000 | 6           | 11,8000 | 10,9100    |      | 11           | 20            | 20                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 562,0000       | P                 | EUR               | 0,1000  | 0,1200  | 0,0700  | 9           | 0,0900  | 0,0600     |      | 0            | 34            | 32                 | 25-7-2018 |
| O                | A26                       | AEX Daily Option - 26th          | 26-7-2018   | 564,0000       | C                 | EUR               | 9,8000  | 9,8000  | 8,3500  | 2           | 8,3500  | 8,9500     |      | 9            | 4             | 4                  | 25-7-2018 |



| 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                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 564,0000       | P                 | EUR               | 0,1500  | 0,1800  | 0,1100  | 29          | 0,1400  | 0,1000     | 0    | 160          | 141           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 566,0000       | C                 | EUR               | 7,3500  | 7,3500  | 6,3000  | 3           | 6,3000  | 7,0300     | 7    | 9            | 9             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 566,0000       | P                 | EUR               | 0,2000  | 0,3200  | 0,1700  | 47          | 0,2100  | 0,1800     | 0    | 179          | 158           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 567,0000       | C                 | EUR               | 5,4000  | 5,5500  | 5,4000  | 3           | 5,5500  | 6,0800     | 6    | 3            | 3             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 567,0000       | P                 | EUR               | 0,3000  | 0,4400  | 0,2300  | 41          | 0,2600  | 0,2300     | 0    | 211          | 173           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 568,0000       | C                 | EUR               | 4,8500  | 4,8500  | 4,5000  | 2           | 4,5000  | 5,1700     | 5    | 4            | 2             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 568,0000       | P                 | EUR               | 0,3300  | 0,6100  | 0,2900  | 37          | 0,3800  | 0,3200     | 0    | 89           | 69            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 569,0000       | C                 | EUR               | 4,0500  | 4,0500  | 3,8000  | 2           | 3,8000  | 4,2900     | 4    | 4            | 4             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 569,0000       | P                 | EUR               | 0,4800  | 0,8100  | 0,4100  | 32          | 0,5000  | 0,4400     | 0    | 239          | 200           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 570,0000       | C                 | EUR               | 4,7000  | 4,7000  | 2,7500  | 19          | 3,0000  | 3,4700     | 3    | 25           | 19            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 570,0000       | P                 | EUR               | 0,5400  | 1,0700  | 0,5400  | 64          | 0,6800  | 0,6200     | 1    | 139          | 100           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 571,0000       | C                 | EUR               | 3,2500  | 3,2500  | 2,1200  | 11          | 2,6500  | 2,7100     | 3    | 22           | 19            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 571,0000       | P                 | EUR               | 0,9500  | 1,4000  | 0,7500  | 88          | 0,9500  | 0,8600     | 1    | 291          | 147           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 572,0000       | C                 | EUR               | 2,2500  | 2,3000  | 1,5200  | 35          | 1,9500  | 2,0500     | 2    | 162          | 133           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 572,0000       | P                 | EUR               | 1,2100  | 1,8500  | 1,0800  | 65          | 1,3000  | 1,2000     | 1    | 384          | 296           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 573,0000       | C                 | EUR               | 2,1400  | 2,5000  | 1,1500  | 93          | 1,4000  | 1,5100     | 2    | 230          | 157           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 573,0000       | P                 | EUR               | 1,5100  | 2,5000  | 1,4000  | 111         | 1,7500  | 1,6600     | 2    | 445          | 347           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 574,0000       | C                 | EUR               | 1,6500  | 1,6600  | 0,7300  | 72          | 0,9500  | 1,0300     | 1    | 270          | 90            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 574,0000       | P                 | EUR               | 1,9500  | 3,0500  | 1,9500  | 22          | 2,7000  | 2,1800     | 2    | 80           | 55            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 575,0000       | C                 | EUR               | 1,2400  | 1,2400  | 0,4800  | 77          | 0,6000  | 0,6700     | 1    | 152          | 80            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 575,0000       | P                 | EUR               | 2,5600  | 3,7500  | 2,5600  | 20          | 3,4000  | 2,8200     | 3    | 139          | 111           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 576,0000       | C                 | EUR               | 0,7700  | 0,9000  | 0,3000  | 72          | 0,3400  | 0,4200     | 0    | 260          | 138           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 576,0000       | P                 | EUR               | 3,0500  | 4,0500  | 3,0500  | 20          | 4,0000  | 3,5700     | 4    | 134          | 125           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 578,0000       | C                 | EUR               | 0,2900  | 0,4300  | 0,1000  | 51          | 0,1200  | 0,1600     | 0    | 193          | 143           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 578,0000       | P                 | EUR               | 4,3500  | 4,3500  | 4,3500  | 1           | 4,3500  | 5,3100     | 5    | 1            | 1             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 580,0000       | C                 | EUR               | 0,1500  | 0,1700  | 0,0500  | 45          | 0,0500  | 0,0500     | 0    | 551          | 513           | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2000     | 7    | 0            | 0             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 582,0000       | C                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 2           | 0,0400  | 0,0200     | 0    | 6            | 5             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 582,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1700     | 9    | 0            | 0             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 584,0000       | C                 | EUR               | 0,0500  | 0,0500  | 0,0200  | 6           | 0,0200  | 0,0100     | 0    | 18           | 18            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 584,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1600    | 11   | 0            | 0             | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 586,0000       | C                 | EUR               | 0,0300  | 0,0300  | 0,0200  | 4           | 0,0200  | 0,0100     | 0    | 13           | 12            | 25-7-2018          |
| O                | A26                       | AEX Daily Option - 26th | 26-7-2018   | 586,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1500    | 13   | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 169,6400   | 170  | 0            | 61            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 155           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 440,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 129,6600   | 130  | 0            | 9             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 440,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 617           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 109,6600   | 110  | 0            | 55            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 766           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 480,0000       | C                 | EUR               | 88,8500 | 88,8500 | 88,8500 | 1           | 88,8500 | 89,6900    | 90   | 30           | 51            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 480,0000       | P                 | EUR               | 0,0700  | 0,0800  | 0,0700  | 6           | 0,0800  | 0,0700     | 0    | 17           | 1409          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 490,0000       | C                 | EUR               | 78,9500 | 78,9500 | 78,9500 | 1           | 78,9500 | 79,7200    | 80   | 1            | 53            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 490,0000       | P                 | EUR               | 0,1000  | 0,1100  | 0,0800  | 20          | 0,1100  | 0,1100     | 0    | 48           | 345           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,7700    | 70   | 0            | 261           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 500,0000       | P                 | EUR               | 0,1300  | 0,1600  | 0,1300  | 5           | 0,1600  | 0,1600     | 0    | 6            | 1168          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 505,0000       | C                 | EUR               | 63,9500 | 63,9500 | 63,9500 | 1           | 63,9500 | 64,8000    | 65   | 40           | 27            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 505,0000       | P                 | EUR               | 0,1800  | 0,2000  | 0,1800  | 4           | 0,2000  | 0,1900     | 0    | 14           | 431           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,8400    | 60   | 0            | 50            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 510,0000       | P                 | EUR               | 0,1800  | 0,2300  | 0,1800  | 5           | 0,2300  | 0,2300     | 0    | 16           | 724           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 515,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 54,8800    | 55   | 0            | 11            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 515,0000       | P                 | EUR               | 0,2400  | 0,2900  | 0,2300  | 29          | 0,2700  | 0,2600     | 0    | 136          | 582           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 520,0000       | C                 | EUR               | 49,5200 | 49,5200 | 49,2000 | 2           | 49,2000 | 49,9300    | 50   | 3            | 185           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 520,0000       | P                 | EUR               | 0,2800  | 0,3500  | 0,2800  | 25          | 0,3200  | 0,3200     | 0    | 44           | 2827          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 525,0000       | C                 | EUR               | 45,0500 | 45,0500 | 45,0500 | 1           | 45,0500 | 45,0100    | 45   | 1            | 22            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 525,0000       | P                 | EUR               | 0,3400  | 0,4200  | 0,3400  | 19          | 0,4000  | 0,4000     | 0    | 57           | 820           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 530,0000       | C                 | EUR               | 39,5500 | 39,5500 | 39,5500 | 1           | 39,5500 | 40,1100    | 40   | 3            | 285           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 530,0000       | P                 | EUR               | 0,4500  | 0,5500  | 0,4300  | 36          | 0,5500  | 0,5000     | 1    | 194          | 3785          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 535,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,2600    | 35   | 0            | 89            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 535,0000       | P                 | EUR               | 0,5600  | 0,7000  | 0,5300  | 22          | 0,6700  | 0,6600     | 1    | 68           | 1324          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 540,0000       | C                 | EUR               | 31,3000 | 31,3000 | 29,5500 | 5           | 30,2000 | 30,4800    | 30   | 5            | 446           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 540,0000       | P                 | EUR               | 0,8400  | 0,9500  | 0,7000  | 45          | 0,9500  | 0,8700     | 1    | 107          | 2994          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 545,0000       | C                 | EUR               | 24,9000 | 25,5000 | 24,7500 | 6           | 25,5000 | 25,7600    | 26   | 6            | 505           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 545,0000       | P                 | EUR               | 1,0200  | 1,2900  | 0,9400  | 74          | 1,2400  | 1,1600     | 1    | 179          | 1125          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 550,0000       | C                 | EUR               | 21,6000 | 21,8500 | 20,3800 | 20          | 20,7500 | 21,1800    | 21   | 46           | 931           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 550,0000       | P                 | EUR               | 1,3800  | 1,7000  | 1,2600  | 141         | 1,6000  | 1,5800     | 2    | 378          | 2400          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 555,0000       | C                 | EUR               | 17,5000 | 17,5000 | 15,9000 | 20          | 16,3200 | 16,7600    | 17   | 68           | 1006          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 555,0000       | P                 | EUR               | 1,9500  | 2,3500  | 1,7500  | 139         | 2,2000  | 2,1600     | 2    | 338          | 3363          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 560,0000       | C                 | EUR               | 13,0000 | 13,0000 | 11,6500 | 36          | 12,1000 | 12,6200    | 13   | 163          | 1630          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 560,0000       | P                 | EUR               | 2,8000  | 3,3000  | 2,5000  | 241         | 3,2500  | 3,0200     | 3    | 730          | 2785          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 565,0000       | C                 | EUR               | 9,0000  | 9,3000  | 8,0000  | 76          | 8,7000  | 8,8500     | 9    | 305          | 1780          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 565,0000       | P                 | EUR               | 4,0500  | 4,7000  | 3,5500  | 245         | 4,3000  | 4,2500     | 4    | 703          | 1463          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 570,0000       | C                 | EUR               | 5,7500  | 6,1000  | 5,0000  | 366         | 5,6000  | 5,6600     | 6    | 1193         | 3649          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 570,0000       | P                 | EUR               | 5,8200  | 6,7000  | 5,2500  | 271         | 6,2500  | 6,0600     | 6    | 864          | 1343          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 575,0000       | C                 | EUR               | 3,2700  | 3,5500  | 2,8000  | 460         | 3,1900  | 3,2000     | 3    | 1722         | 2687          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   | 575,0000       | P                 | EUR               | 8,3500  | 9,4000  | 7,7000  | 84          | 9,1000  | 8,6000     | 9    | 330          | 590           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX               | 17-8-2018   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| 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                | AEX                       | AEX-INDEX       | 17-8-2018   | 605,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0500     | 0    | 0            | 14            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 605,0000       | P                 | EUR               | 36,0500  | 36,0500  | 36,0500  | 1           | 36,0500  | 35,4600    | 35   | 40           | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 610,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 48            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 610,0000       | P                 | EUR               | 41,0000  | 41,0000  | 41,0000  | 1           | 41,0000  | 40,4500    | 40   | 3            | 11            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 615,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0300     | 0    | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 615,0000       | P                 | EUR               | 46,1500  | 46,1500  | 46,1500  | 1           | 46,1500  | 45,4400    | 45   | 20           | 20            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 620,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0200     | 0    | 129          | 25-7-2018     |                    |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 620,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,4300    | 50   | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 630,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 9             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 630,0000       | P                 | EUR               | 60,6000  | 60,6000  | 60,6000  | 1           | 60,6000  | 60,4200    | 60   | 40           | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 640,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 17            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 70,4200    | 70   | 0            | 50            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 660,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 10            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 660,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 90,4200    | 90   | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 14            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 110,4200   | 110  | 0            | 20            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 9             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-8-2018   | 720,0000       | P                 | EUR               | 150,9500 | 150,9500 | 150,9500 | 1           | 150,9500 | 150,4300   | 150  | 2            | 113           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 260,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 308,9000   | 309  | 0            | 713           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 260,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 526           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 280,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 288,8900   | 289  | 0            | 11            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 280,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 30            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 268,8800   | 269  | 0            | 125           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 200           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 320,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 248,8700   | 249  | 0            | 55            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 320,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 225           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 340,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 228,8600   | 229  | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 340,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 48            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 350,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 218,8500   | 219  | 0            | 140           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 350,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 166           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 360,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 208,8500   | 209  | 0            | 24            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 360,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 88            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 370,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 198,8500   | 199  | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 370,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 156           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 380,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 188,8500   | 189  | 0            | 14            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 380,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0200     | 0    | 0            | 222           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 390,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 178,8700   | 179  | 0            | 10            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 390,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 197           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 168,8800   | 169  | 0            | 46            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0600     | 0    | 0            | 471           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 410,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 158,8900   | 159  | 0            | 3             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 410,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0700     | 0    | 0            | 258           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 420,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 148,9000   | 149  | 0            | 135           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 420,0000       | P                 | EUR               | 0,0900   | 0,0900   | 0,0900   | 1           | 0,0900   | 0,0800     | 0    | 1            | 216           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 430,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 138,9100   | 139  | 0            | 13            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 430,0000       | P                 | EUR               | 0,1200   | 0,1200   | 0,1200   | 2           | 0,1200   | 0,1100     | 0    | 4            | 163           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 128,9500   | 129  | 0            | 35            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 440,0000       | P                 | EUR               | 0,1400   | 0,1500   | 0,1400   | 3           | 0,1500   | 0,1500     | 0    | 8            | 860           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 450,0000       | C                 | EUR               | 118,4000 | 118,4000 | 118,4000 | 1           | 118,4000 | 118,9900   | 119  | 1            | 16            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 450,0000       | P                 | EUR               | 0,2000   | 0,2000   | 0,2000   | 1           | 0,2000   | 0,1900     | 0    | 12           | 296           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 460,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 109,0600   | 109  | 0            | 22            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 460,0000       | P                 | EUR               | 0,2500   | 0,2500   | 0,2500   | 1           | 0,2500   | 0,2700     | 0    | 10           | 793           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 470,0000       | C                 | EUR               | 98,2000  | 98,2000  | 98,2000  | 1           | 98,2000  | 99,1200    | 99   | 1            | 138           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 470,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3400     | 0    | 0            | 720           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 89,1900    | 89   | 0            | 132           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 480,0000       | P                 | EUR               | 0,4000   | 0,4100   | 0,4000   | 3           | 0,4100   | 0,4200     | 0    | 18           | 1435          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 490,0000       | C                 | EUR               | 78,5000  | 78,5000  | 78,5000  | 1           | 78,5000  | 79,3100    | 79   | 1            | 57            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 490,0000       | P                 | EUR               | 0,4900   | 0,5700   | 0,4900   | 9           | 0,5500   | 0,5400     | 1    | 78           | 1503          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 69,5000    | 70   | 0            | 317           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 500,0000       | P                 | EUR               | 0,7300   | 0,7900   | 0,6500   | 66          | 0,7800   | 0,7300     | 1    | 269          | 2694          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 510,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 59,7600    | 60   | 0            | 225           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 510,0000       | P                 | EUR               | 0,8800   | 1,0200   | 0,8700   | 18          | 1,0200   | 1,0000     | 1    | 191          | 2445          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 520,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,1600    | 50   | 0            | 506           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 520,0000       | P                 | EUR               | 1,2500   | 1,4200   | 1,2200   | 18          | 1,4200   | 1,4100     | 1    | 137          | 3084          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 525,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 45,4300    | 45   | 0            | 1             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 525,0000       | P                 | EUR               | 1,5500   | 1,6600   | 1,5500   | 13          | 1,6600   | 1,6800     | 2    | 44           | 47            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 530,0000       | C                 | EUR               | 40,0000  | 40,0000  | 40,0000  | 2           | 40,0000  | 40,7200    | 41   | 10           | 438           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 530,0000       | P                 | EUR               | 1,8300   | 2,1000   | 1,7500   | 29          | 2,0000   | 1,9800     | 2    | 77           | 1645          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 535,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 36,1400    | 36   | 0            | 1             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 535,0000       | P                 | EUR               | 2,1600   | 2,4600   | 2,1300   | 11          | 2,4500   | 2,4000     | 2    | 59           | 72            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 540,0000       | C                 | EUR               | 31,8100  | 31,8100  | 30,7700  | 5           | 31,0000  | 31,6300    | 32   | 34           | 878           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 540,0000       | P                 | EUR               | 2,7000   | 3,0200   | 2,5500   | 83          | 3,0000   | 2,8900     | 3    | 213          | 1695          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 545,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,2500    | 27   | 0            | 166           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 545,0000       | P                 | EUR               | 3,2500   | 3,6500   | 3,2500   | 20          | 3,6000   | 3,5100     | 4    | 52           | 582           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 550,0000       | C                 | EUR               | 23,5000  | 23,5000  | 22,1000  | 9           | 22,5000  | 23,0100    | 23   | 25           | 1113          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 550,0000       | P                 | EUR               | 4,0000   | 4,4500   | 3,8000   | 33          | 4,4000   | 4,2800     | 4    | 182          | 1237          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 555,0000       | C                 | EUR               | 19,1000  | 19,1000  | 18,1000  | 22          | 18,8000  | 19,0000    | 19   | 42           | 627           |                    |



| 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       | 21-9-2018   | 575,0000       | P                 | EUR               | 11,8000  | 13,0000  | 11,8000  | 16          | 13,0000  | 12,4300    |      | 12           | 52            | 98 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 580,0000       | C                 | EUR               | 4,2500   | 4,3000   | 3,7000   | 57          | 4,0500   | 4,0900     |      | 4            | 143           | 3873 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 580,0000       | P                 | EUR               | 14,5000  | 16,0000  | 14,5000  | 14          | 16,0000  | 15,3700    |      | 15           | 34            | 412 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 585,0000       | C                 | EUR               | 2,5700   | 2,7000   | 2,2900   | 30          | 2,5000   | 2,5700     |      | 3            | 130           | 206 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 585,0000       | P                 | EUR               | 19,3500  | 19,3500  | 18,9500  | 3           | 18,9500  | 18,8500    |      | 19           | 13            | 33 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 590,0000       | C                 | EUR               | 1,6000   | 1,6500   | 1,3600   | 38          | 1,5000   | 1,5600     |      | 2            | 185           | 1250 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 590,0000       | P                 | EUR               | 23,5500  | 23,5500  | 23,5500  | 2           | 23,5500  | 22,8400    |      | 23           | 4             | 68 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 595,0000       | C                 | EUR               | 0,9200   | 0,9200   | 0,7700   | 24          | 0,8400   | 0,8900     |      | 1            | 118           | 281 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 595,0000       | P                 | EUR               | 27,9000  | 27,9000  | 27,9000  | 2           | 27,9000  | 27,1800    |      | 27           | 3             | 3 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 600,0000       | C                 | EUR               | 0,5300   | 0,5300   | 0,4500   | 52          | 0,5000   | 0,5100     |      | 1            | 168           | 2747 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 31,8100    |      | 32           | 0             | 293 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 605,0000       | C                 | EUR               | 0,3100   | 0,3100   | 0,2800   | 7           | 0,2800   | 0,3100     |      | 0            | 15            | 57 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 605,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 36,6000    |      | 37           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 610,0000       | C                 | EUR               | 0,1800   | 0,1800   | 0,1800   | 1           | 0,1800   | 0,2000     |      | 0            | 1             | 291 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 610,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 41,4900    |      | 41           | 0             | 6 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 620,0000       | C                 | EUR               | 0,0900   | 0,1000   | 0,0900   | 10          | 0,0900   | 0,1000     |      | 0            | 25            | 1251 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 620,0000       | P                 | EUR               | 52,4000  | 52,4000  | 52,4000  | 1           | 52,4000  | 51,4100    |      | 51           | 7             | 14 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 630,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0500     |      | 0            | 139           | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 630,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 61,3600    |      | 61           | 0             | 20 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 640,0000       | C                 | EUR               | 0,0300   | 0,0400   | 0,0200   | 30          | 0,0200   | 0,0300     |      | 0            | 93            | 353 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 71,3400    |      | 71           | 0             | 23 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 660,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 4 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 660,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 91,3300    |      | 91           | 0             | 41 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 42 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 111,3400   |      | 111          | 0             | 103 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 30 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 131,3500   |      | 131          | 0             | 1249 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 5 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 151,3600   |      | 151          | 0             | 3 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 548 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-9-2018   | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 231,4100   |      | 231          | 0             | 2436 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 128,8600   |      | 129          | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 440,0000       | P                 | EUR               | 0,3200   | 0,3200   | 0,3200   | 1           | 0,3200   | 0,3400     |      | 0            | 7             | 7 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 89,3200    |      | 89           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 480,0000       | P                 | EUR               | 0,7600   | 0,8400   | 0,7600   | 5           | 0,8400   | 0,8400     |      | 1            | 90            | 23 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 500,0000       | C                 | EUR               | 69,8000  | 69,8000  | 69,8000  | 1           | 69,8000  | 69,9100    |      | 70           | 1             | 1 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 500,0000       | P                 | EUR               | 1,4100   | 1,4800   | 1,3900   | 7           | 1,4600   | 1,4500     |      | 1            | 35            | 69 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 520,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,9500    |      | 51           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 520,0000       | P                 | EUR               | 2,4500   | 2,6000   | 2,4500   | 3           | 2,6000   | 2,5100     |      | 3            | 13            | 35 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 530,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 41,8200    |      | 42           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 530,0000       | P                 | EUR               | 3,2000   | 3,3000   | 3,1500   | 4           | 3,3000   | 3,3800     |      | 3            | 13            | 100 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 540,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 33,0200    |      | 33           | 0             | 1 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 540,0000       | P                 | EUR               | 4,5000   | 4,8000   | 4,4000   | 9           | 4,7000   | 4,6000     |      | 5            | 33            | 46 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 550,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 24,8200    |      | 25           | 0             | 35 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 550,0000       | P                 | EUR               | 6,2000   | 6,6000   | 6,2000   | 14          | 6,4500   | 6,4000     |      | 6            | 82            | 110 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 560,0000       | C                 | EUR               | 17,2000  | 17,2000  | 16,6200  | 7           | 16,6200  | 17,3700    |      | 17           | 66            | 100 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 560,0000       | P                 | EUR               | 8,4800   | 9,0500   | 8,4800   | 8           | 9,0500   | 8,9700     |      | 9            | 27            | 109 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 565,0000       | C                 | EUR               | 13,7200  | 13,7200  | 13,7200  | 1           | 13,7200  | 14,0600    |      | 14           | 2             | 67 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 565,0000       | P                 | EUR               | 10,2000  | 10,5700  | 10,0800  | 4           | 10,5700  | 10,6500    |      | 11           | 4             | 26 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 570,0000       | C                 | EUR               | 10,9500  | 10,9500  | 10,3500  | 13          | 10,9500  | 11,0400    |      | 11           | 70            | 229 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 570,0000       | P                 | EUR               | 12,4500  | 13,1000  | 12,4500  | 4           | 12,9000  | 12,6400    |      | 13           | 13            | 21 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 575,0000       | C                 | EUR               | 8,6000   | 8,6000   | 7,8500   | 9           | 8,3000   | 8,4500     |      | 8            | 68            | 115 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 575,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 15,0500    |      | 15           | 0             | 2 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 580,0000       | C                 | EUR               | 6,5000   | 6,5000   | 5,8000   | 11          | 6,0500   | 6,1800     |      | 6            | 91            | 166 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 580,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 17,7900    |      | 18           | 0             | 1 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 590,0000       | C                 | EUR               | 2,7500   | 2,8500   | 2,6500   | 28          | 2,8500   | 2,9100     |      | 3            | 40            | 164 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 590,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 24,5300    |      | 25           | 0             | 3 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 600,0000       | C                 | EUR               | 1,2800   | 1,2800   | 1,0700   | 29          | 1,1800   | 1,2400     |      | 1            | 76            | 157 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 32,8700    |      | 33           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 620,0000       | C                 | EUR               | 0,2000   | 0,2000   | 0,2000   | 1           | 0,2000   | 0,2200     |      | 0            | 11            | 11 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 620,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 51,8700    |      | 52           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 640,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0600     |      | 0            | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 71,7300    |      | 72           | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 111,7100   |      | 112          | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AEX                       | AEX-INDEX       | 19-10-2018  | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 151,7500   |      | 152          | 0             | 100 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 100,0000       | C                 | EUR               | 466,7000 | 466,7300 | 466,6700 | 4           | 466,6700 | 466,9200   |      | 467          | 30            | 344 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 1525 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 366,7500   |      | 367          | 0             | 182 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 941 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 316,6800   |      | 317          | 0             | 10 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0200     |      | 0            | 0             | 866 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 266,6900   |      | 267          | 0             | 237 25-7-2018      |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 300,0000       | P                 | EUR               | 0,1100   | 0,1100   | 0,1100   | 2           | 0,1100   | 0,1000     |      | 0            | 4             | 2493 25-7-2018     |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 320,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 246,6900   |      | 247          | 0             | 14 25-7-2018       |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 320,0000       | P                 | EUR               | 0,1300   | 0,1300   | 0,1300   | 1           | 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                | AEX                       | AEX-INDEX       | 21-12-2018  | 420,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 147,0900   | 147  | 0            | 25            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 420,0000       | P                 | EUR               | 0,6800   | 0,6800   | 0,6800   | 2           | 0,6800   | 0,7000     | 1    | 60           | 897           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 440,0000       | C                 | EUR               | 126,5000 | 126,5000 | 126,5000 | 1           | 126,5000 | 127,3700   | 127  | 1            | 198           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 440,0000       | P                 | EUR               | 0,9700   | 0,9800   | 0,9700   | 2           | 0,9800   | 1,0100     | 1    | 6            | 1245          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 450,0000       | C                 | EUR               | 117,0700 | 117,0700 | 117,0700 | 1           | 117,0700 | 117,5600   | 118  | 1            | 1305          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 450,0000       | P                 | EUR               | 1,1800   | 1,2500   | 1,1800   | 5           | 1,2500   | 1,2200     | 1    | 28           | 5139          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 460,0000       | C                 | EUR               | 107,7000 | 107,7000 | 107,7000 | 1           | 107,7000 | 107,8500   | 108  | 1            | 11            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 460,0000       | P                 | EUR               | 1,4200   | 1,4200   | 1,4200   | 2           | 1,4200   | 1,5200     | 2    | 6            | 1340          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 470,0000       | C                 | EUR               | 97,9000  | 97,9000  | 97,9000  | 1           | 97,9000  | 98,1500    | 98   | 1            | 14            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 470,0000       | P                 | EUR               | 1,7500   | 1,8000   | 1,7500   | 5           | 1,8000   | 1,8400     | 2    | 37           | 835           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 88,5200    | 89   | 0            | 137           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 480,0000       | P                 | EUR               | 2,1000   | 2,3000   | 2,1000   | 7           | 2,3000   | 2,2300     | 2    | 15           | 1976          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 490,0000       | C                 | EUR               | 78,4700  | 78,4700  | 78,4700  | 1           | 78,4700  | 79,0500    | 79   | 1            | 74            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 490,0000       | P                 | EUR               | 2,6000   | 2,8000   | 2,6000   | 5           | 2,7500   | 2,7700     | 3    | 10           | 1169          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 69,7200    | 70   | 0            | 4951          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 500,0000       | P                 | EUR               | 3,2500   | 3,5500   | 3,2500   | 19          | 3,4600   | 3,4600     | 3    | 53           | 9244          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 510,0000       | C                 | EUR               | 60,4000  | 60,4000  | 60,4000  | 1           | 60,4000  | 60,5800    | 61   | 1            | 342           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 510,0000       | P                 | EUR               | 4,1000   | 4,4500   | 4,1000   | 7           | 4,4000   | 4,3400     | 4    | 21           | 1400          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 520,0000       | C                 | EUR               | 52,3700  | 52,4500  | 50,8500  | 4           | 50,8500  | 51,6700    | 52   | 10           | 3779          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 520,0000       | P                 | EUR               | 5,1500   | 5,5000   | 5,1500   | 8           | 5,5000   | 5,4400     | 5    | 31           | 1490          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 530,0000       | C                 | EUR               | 43,5000  | 43,5000  | 42,1000  | 4           | 42,5000  | 43,1000    | 43   | 4            | 501           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 530,0000       | P                 | EUR               | 6,6500   | 6,9700   | 6,6500   | 13          | 6,8500   | 6,8900     | 7    | 126          | 1756          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 540,0000       | C                 | EUR               | 35,5700  | 35,6500  | 34,1000  | 6           | 34,3000  | 34,9500    | 35   | 14           | 952           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 540,0000       | P                 | EUR               | 8,3500   | 8,9000   | 8,3500   | 13          | 8,7500   | 8,7600     | 9    | 26           | 796           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 550,0000       | C                 | EUR               | 27,9000  | 27,9000  | 26,7000  | 7           | 27,0500  | 27,3700    | 27   | 30           | 2636          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 550,0000       | P                 | EUR               | 10,8500  | 11,5000  | 10,7500  | 19          | 11,4000  | 11,1900    | 11   | 55           | 3134          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 560,0000       | C                 | EUR               | 20,0000  | 20,0500  | 19,7000  | 5           | 19,7000  | 20,4500    | 20   | 41           | 2765          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 560,0000       | P                 | EUR               | 14,0000  | 14,6500  | 13,7000  | 12          | 14,5500  | 14,2900    | 14   | 105          | 1261          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 570,0000       | C                 | EUR               | 14,7000  | 14,8000  | 13,9000  | 14          | 14,3500  | 14,4600    | 14   | 60           | 2183          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 570,0000       | P                 | EUR               | 18,8500  | 18,8500  | 18,4000  | 3           | 18,4000  | 18,3200    | 18   | 3            | 677           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 580,0000       | C                 | EUR               | 9,7000   | 9,8500   | 9,2000   | 9           | 9,4000   | 9,5500     | 10   | 28           | 3346          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 580,0000       | P                 | EUR               | 23,2500  | 23,8000  | 22,7500  | 12          | 23,4600  | 23,4200    | 23   | 76           | 401           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 590,0000       | C                 | EUR               | 6,0000   | 6,0000   | 5,5000   | 20          | 5,7000   | 5,8600     | 6    | 112          | 1751          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 590,0000       | P                 | EUR               | 29,4400  | 29,4400  | 29,4400  | 1           | 29,4400  | 29,7500    | 30   | 10           | 539           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 600,0000       | C                 | EUR               | 3,3500   | 3,4500   | 3,0500   | 40          | 3,2000   | 3,3100     | 3    | 162          | 3606          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 600,0000       | P                 | EUR               | 36,3500  | 37,4500  | 36,3500  | 6           | 37,3800  | 37,2100    | 37   | 14           | 430           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 610,0000       | C                 | EUR               | 1,7200   | 1,7200   | 1,6000   | 3           | 1,6500   | 1,7700     | 2    | 4            | 733           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 610,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 45,6900    | 46   | 0            | 16            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 620,0000       | C                 | EUR               | 0,9000   | 0,9000   | 0,8500   | 7           | 0,8700   | 0,8900     | 1    | 15           | 1416          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 620,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 54,8300    | 55   | 0            | 147           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 630,0000       | C                 | EUR               | 0,4300   | 0,4300   | 0,4300   | 1           | 0,4300   | 0,4700     | 0    | 1            | 85            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 630,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 64,4300    | 64   | 0            | 1             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 640,0000       | C                 | EUR               | 0,2500   | 0,2500   | 0,2500   | 1           | 0,2500   | 0,2600     | 0    | 5            | 647           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 74,2300    | 74   | 0            | 14            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 650,0000       | C                 | EUR               | 0,1500   | 0,1500   | 0,1500   | 3           | 0,1500   | 0,1500     | 0    | 36           | 1688          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 650,0000       | P                 | EUR               | 84,3000  | 84,3000  | 84,3000  | 1           | 84,3000  | 84,1400    | 84   | 1            | 90            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0600     | 0    | 0            | 454           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 114,0900   | 114  | 0            | 155           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 685           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 700,0000       | P                 | EUR               | 134,4500 | 134,4500 | 134,4500 | 1           | 134,4500 | 134,1100   | 134  | 1            | 1466          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0300     | 0    | 0            | 92            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 154,1300   | 154  | 0            | 272           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 1317          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 800,0000       | P                 | EUR               | 234,5000 | 234,5300 | 234,4700 | 4           | 234,5300 | 234,2400   | 234  | 30           | 1964          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 265,1500   | 265  | 0            | 15            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2500     | 0    | 0            | 65            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 320,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 245,1600   | 245  | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 320,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3200     | 0    | 0            | 20            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 340,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 225,2200   | 225  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 340,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4300     | 0    | 0            | 53            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 360,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 205,3200   | 205  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 360,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,5900     | 1    | 0            | 73            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 380,0000       | C                 | EUR               | 15,0000  | 0,0000   | 0,0000   | -           | 0,0000   | 185,4700   | 185  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 380,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,7900     | 1    | 0            | 51            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 165,7100   | 166  | 0            | 5             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,0800     | 1    | 0            | 286           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 420,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 146,0600   | 146  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 420,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,4800     | 1    | 0            | 163           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 126,5700   | 127  | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 440,0000       | P                 | EUR               | 1,9500   | 1,9500   | 1,9500   | 2           | 1,9500   | 2,0400     | 2    | 54           | 207           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 460,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 107,3500   | 107  | 0            | 6             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 460,0000       | P                 | EUR               | 2,8000   | 2,8000   | 2,8000   | 1           | 2,8000   | 2,8800     | 3    | 5            | 280           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 88,5800    | 89   | 0            | 20            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 480,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 4,1600     | 4    | 0            | 623           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 70,4800    | 70   | 0            | 137           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 500,0000       | P                 | EUR               | 5,7900   | 6,0500   | 5,7900   | 3           | 6,0500   | 6,1100     | 6    | 5            | 424           |                    |



| 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       | 15-3-2019   | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,1800    | 29   | 0            | 23            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 600,0000       | C                 | EUR               | 6,3100  | 6,3100  | 6,3100  | 1           | 6,3100  | 6,2700     | 6    | 3            | 460           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,1600    | 42   | 0            | 16            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 620,0000       | C                 | EUR               | 2,5000  | 2,5000  | 2,3500  | 6           | 2,3500  | 2,5000     | 3    | 15           | 120           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 58,4400    | 58   | 0            | 13            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8700     | 1    | 0            | 99            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 76,8700    | 77   | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 660,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 36            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 660,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 96,3600    | 96   | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 13            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 116,2300   | 116  | 0            | 156           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 5             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 156,2600   | 156  | 0            | 715           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 3             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 236,4200   | 236  | 0            | 832           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 356,6300   | 357  | 0            | 17            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 265           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 256,6400   | 257  | 0            | 3             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 300,0000       | P                 | EUR               | 0,6000  | 0,6000  | 0,5900  | 2           | 0,5900  | 0,5300     | 1    | 20           | 371           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 320,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 236,7100   | 237  | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 320,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     | 1    | 0            | 18            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 206,9300   | 207  | 0            | 1             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     | 1    | 0            | 1058          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 157,7800   | 158  | 0            | 10            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 400,0000       | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 1           | 2,1000  | 2,0500     | 2    | 2            | 726           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 440,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 119,4800   | 119  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 440,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9100     | 4    | 0            | 101           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 450,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 110,1100   | 110  | 0            | 17            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 450,0000       | P                 | EUR               | 4,4500  | 4,6000  | 4,4500  | 5           | 4,5500  | 4,5700     | 5    | 17           | 727           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 82,8900    | 83   | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4600     | 7    | 0            | 273           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 500,0000       | C                 | EUR               | 66,0000 | 66,0000 | 66,0000 | 1           | 66,0000 | 65,7600    | 66   | 1            | 194           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4100    | 10   | 0            | 486           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,8500    | 50   | 0            | 78            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 520,0000       | P                 | EUR               | 14,6500 | 14,6500 | 14,6500 | 1           | 14,6500 | 14,5600    | 15   | 14           | 34            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,5700    | 36   | 0            | 26            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 540,0000       | P                 | EUR               | 20,0000 | 20,0000 | 20,0000 | 1           | 20,0000 | 20,3600    | 20   | 1            | 107           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 550,0000       | C                 | EUR               | 29,5000 | 29,5000 | 28,4000 | 6           | 28,6000 | 29,2200    | 29   | 7            | 600           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 550,0000       | P                 | EUR               | 24,0000 | 24,0500 | 24,0000 | 2           | 24,0500 | 24,0500    | 24   | 4            | 578           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 560,0000       | C                 | EUR               | 22,9500 | 22,9500 | 22,9500 | 1           | 22,9500 | 23,5000    | 24   | 1            | 230           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,3600    | 28   | 0            | 60            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 580,0000       | C                 | EUR               | 14,0000 | 14,0500 | 13,7000 | 5           | 14,0000 | 14,0500    | 14   | 5            | 185           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,9900    | 39   | 0            | 59            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 600,0000       | C                 | EUR               | 7,6500  | 7,6500  | 7,2900  | 6           | 7,4000  | 7,5100     | 8    | 50           | 871           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,5200    | 53   | 0            | 80            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 640,0000       | C                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 2           | 1,6500  | 1,6200     | 2    | 11           | 319           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,7900    | 87   | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 650,0000       | C                 | EUR               | 1,0400  | 1,1000  | 1,0400  | 2           | 1,1000  | 1,0400     | 1    | 5            | 492           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 650,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 96,2500    | 96   | 0            | 56            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     | 0    | 0            | 4             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 125,6500   | 126  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 700,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 78            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 700,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 145,5800   | 146  | 0            | 362           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 165,6000   | 166  | 0            | 560           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 24            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 245,8500   | 246  | 0            | 901           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 449,7500   | 450  | 0            | 203           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 437           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 349,5800   | 350  | 0            | 124           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 200,0000       | P                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 1           | 0,3200  | 0,3100     | 0    | 1            | 1741          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 299,6000   | 300  | 0            | 23            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 250,0000       | P                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,5600     | 1    | 6            | 636           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 249,9800   | 250  | 0            | 332           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1700     | 1    | 0            | 1234          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 200,7700   | 201  | 0            | 161           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 350,0000       | P                 | EUR               | 2,2000  | 2,2000  | 2,2000  | 2           | 2,2000  | 2,1800     | 2    | 16           | 720           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 152,6500   | 153  | 0            | 739           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 400,0000       | P                 | EUR               | 4,3500  | 4,3500  | 4,3500  | 3           | 4,3500  | 4,2900     | 4    | 22           | 1616          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 450,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 106,8600   | 107  | 0            | 961           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 450,0000       | P                 | EUR               | 8,8300  | 8,8300  | 8,7000  | 5           | 8,7000  | 8,7200     | 9    | 9            | 2007          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 500,0000       | C                 | EUR               | 65,5000 | 65,5000 | 65,0000 | 3           | 65,0000 | 65,5100    | 66   | 3            | 2768          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 500,0000       | P                 | EUR               | 17,0000 | 18,0000 | 17,0000 | 6           | 18,0000 | 17,6000    | 18   | 23           | 3259          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,4900    | 32   | 0            | 3722          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 550,0000       | P                 | EUR               | 35,2500 | 35,2500 | 35,2500 | 1           | 35,2500 | 34,8000    | 35   | 1            | 3665          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 600,0000       | C                 | EUR               | 11,8000 | 11,8000 | 11,4500 | 2           | 11,4500 | 11,7000    | 12   | 8            | 1004          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,2400    | 64   | 0            | 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 |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 143,8300   | 144  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 6,8300     | 7    | 0            | 79            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 100,0200   | 100  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 13,2400    | 13   | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 62,0600    | 62   | 0            | 10            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 500,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 25,5000    | 26   | 0            | 16            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 550,0000       | C                 | EUR               | 32,2900  | 32,2900  | 32,2900  | 1           | 32,2900  | 32,7400    | 33   | 10           | 48            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 550,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 46,4000    | 46   | 0            | 12            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 600,0000       | C                 | EUR               | 13,8400  | 13,9500  | 13,8400  | 2           | 13,9500  | 14,1200    | 14   | 2            | 4             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 78,0000    | 78   | 0            | 2             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 650,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 5,0600     | 5    | 0            | 63            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 650,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 119,1600   | 119  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,5900     | 2    | 0            | 7             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 165,9100   | 166  | 0            | 0             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2400     | 0    | 0            | 1             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 265,0000   | 265  | 0            | 4             | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 432,5500   | 433  | 0            | 107           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1800     | 0    | 0            | 776           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 332,6600   | 333  | 0            | 49            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 200,0000       | P                 | EUR               | 0,7000   | 0,7000   | 0,7000   | 1           | 0,7000   | 0,7500     | 1    | 5            | 852           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 283,2300   | 283  | 0            | 39            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,5500     | 2    | 0            | 468           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 234,2500   | 234  | 0            | 139           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 300,0000       | P                 | EUR               | 2,8000   | 2,8000   | 2,8000   | 1           | 2,8000   | 2,7900     | 3    | 1            | 407           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 350,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 186,2300   | 186  | 0            | 188           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 350,0000       | P                 | EUR               | 5,0000   | 5,0000   | 5,0000   | 1           | 5,0000   | 5,0100     | 5    | 1            | 675           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 400,0000       | C                 | EUR               | 139,5000 | 139,5000 | 139,5000 | 1           | 139,5000 | 140,3700   | 140  | 1            | 651           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 9,3700     | 9    | 0            | 594           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 98,4100    | 98   | 0            | 394           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 17,6500    | 18   | 0            | 890           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 62,8000    | 63   | 0            | 1042          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 500,0000       | P                 | EUR               | 32,6000  | 32,6000  | 32,6000  | 1           | 32,6000  | 32,2600    | 32   | 8            | 1422          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 550,0000       | C                 | EUR               | 35,2500  | 35,2500  | 35,2500  | 1           | 35,2500  | 35,6200    | 36   | 1            | 1069          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 550,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 55,3100    | 55   | 0            | 1339          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 600,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 17,7200    | 18   | 0            | 494           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 87,6400    | 88   | 0            | 263           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 650,0000       | C                 | EUR               | 7,7000   | 7,7000   | 7,7000   | 1           | 7,7000   | 7,7700     | 8    | 1            | 252           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 650,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 127,9100   | 128  | 0            | 41            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 700,0000       | C                 | EUR               | 2,8500   | 2,8500   | 2,8500   | 3           | 2,8500   | 3,0700     | 3    | 5            | 201           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 173,4400   | 173  | 0            | 10            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3600     | 0    | 0            | 534           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 271,2000   | 271  | 0            | 229           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 317,7100   | 318  | 0            | 271           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,4900     | 1    | 0            | 873           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 300,0000       | C                 | EUR               | 221,3000 | 221,3000 | 221,3000 | 1           | 221,3000 | 220,8200   | 221  | 1            | 163           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 4,9100     | 5    | 0            | 411           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 131,0900   | 131  | 0            | 286           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 15,4900    | 15   | 0            | 383           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 93,1400    | 93   | 0            | 314           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,6900    | 28   | 0            | 768           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 500,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 61,7600    | 62   | 0            | 834           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 500,0000       | P                 | EUR               | 47,3000  | 47,3000  | 47,3000  | 1           | 47,3000  | 46,4700    | 46   | 1            | 1261          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 550,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 38,0900    | 38   | 0            | 890           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 550,0000       | P                 | EUR               | 73,3600  | 73,3600  | 73,3600  | 1           | 73,3600  | 72,9400    | 73   | 3            | 1327          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 600,0000       | C                 | EUR               | 22,2500  | 22,2500  | 21,5500  | 2           | 21,5500  | 21,9200    | 22   | 2            | 633           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 600,0000       | P                 | EUR               | 107,1600 | 107,1600 | 107,1600 | 1           | 107,1600 | 106,9200   | 107  | 3            | 922           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 5,9500     | 6    | 0            | 542           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 191,2700   | 191  | 0            | 71            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,1700     | 1    | 0            | 1230          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 286,7900   | 287  | 0            | 414           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 303,8200   | 304  | 0            | 55            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 200,0000       | P                 | EUR               | 2,3000   | 2,3000   | 2,3000   | 1           | 2,3000   | 2,3400     | 2    | 1            | 286           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 206,5800   | 209  | 0            | 15            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 6,8800     | 7    | 0            | 797           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 400,0000       | C                 | EUR               | 123,0000 | 123,0000 | 123,0000 | 1           | 123,0000 | 124,1600   | 124  | 1            | 149           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,2400    | 22   | 0            | 473           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 89,5700    | 90   | 0            | 258           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 37,5300    | 38   | 0            | 171           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 500,0000       | C                 | EUR               | 62,3500  | 62,3500  | 61,3000  | 3           | 61,3000  | 61,7200    | 62   | 4            | 705           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 500,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 59,5700    | 60   | 0            | 456           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 550,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 40,8800    | 41   | 0            | 598           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 550,0000       | P                 | EUR               | 89,0400  | 89,0400  | 89,0400  | 1           | 89,0400  | 88,6200    | 89   | 4            | 1515          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 600,0000       | C                 | EUR               | 26,0000  | 26,0000  | 25,9500  | 2           | 25,9500  | 25,8500    | 26   | 2            | 492           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 600,0000       | P                 | EUR               | 123,8400 | 123,8400 | 123,8400 | 1           | 123,8400 | 123,4800   | 123  | 4            | 1343          | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 700,0000       | C                 | EUR               | 9,3200   | 9,3200   | 8,8000   | 2           | 8,8000   | 9,1800     | 9    | 2            | 608           | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 206,5900   | 207  | 0            | 96            | 25-7-2018          |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  |                |                   |                   |          |          |          |             |          |            |      |              |               |                    |



| 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 | 3-8-2018    | 540,0000       | P                 | EUR               | 0,2100  | 0,2300  | 0,1800  | 5           | 0,1800  | 0,1900     | 0    | 10           | 214           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 545,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,0900    | 27   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 545,0000       | P                 | EUR               | 0,2500  | 0,3100  | 0,2300  | 6           | 0,2600  | 0,2700     | 0    | 6            | 80            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 550,0000       | C                 | EUR               | 21,1500 | 21,1500 | 21,1500 | 1           | 21,1500 | 22,2200    | 22   | 10           | 12            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 550,0000       | P                 | EUR               | 0,4000  | 0,4100  | 0,3500  | 6           | 0,3500  | 0,4000     | 0    | 10           | 59            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 554,0000       | C                 | EUR               | 17,8600 | 17,8600 | 17,8600 | 1           | 17,8600 | 18,3900    | 18   | 10           | 10            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 554,0000       | P                 | EUR               | 0,5000  | 0,6500  | 0,5000  | 5           | 0,6500  | 0,5700     | 1    | 5            | 62            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 555,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4600    | 17   | 0            | 3             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 555,0000       | P                 | EUR               | 0,6200  | 0,7300  | 0,6200  | 4           | 0,7200  | 0,6300     | 1    | 6            | 108           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 556,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5100    | 17   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 556,0000       | P                 | EUR               | 0,6900  | 0,8200  | 0,6400  | 8           | 0,7600  | 0,6800     | 1    | 18           | 125           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 558,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6800    | 15   | 0            | 1             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 558,0000       | P                 | EUR               | 0,8700  | 0,9300  | 0,8700  | 2           | 0,9300  | 0,8400     | 1    | 5            | 336           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 560,0000       | C                 | EUR               | 12,1000 | 12,1000 | 12,1000 | 1           | 12,1000 | 12,8500    | 13   | 1            | 27            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 560,0000       | P                 | EUR               | 0,9400  | 1,2200  | 0,9300  | 38          | 1,0600  | 1,0300     | 1    | 77           | 199           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 562,0000       | C                 | EUR               | 10,7000 | 10,7000 | 10,7000 | 1           | 10,7000 | 11,0800    | 11   | 2            | 4             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 562,0000       | P                 | EUR               | 1,2200  | 1,4100  | 1,1600  | 12          | 1,3000  | 1,2500     | 1    | 12           | 37            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 564,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3900     | 9    | 0            | 2             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 564,0000       | P                 | EUR               | 1,4000  | 1,8000  | 1,4000  | 8           | 1,7500  | 1,5600     | 2    | 12           | 96            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 566,0000       | C                 | EUR               | 7,2500  | 7,2500  | 7,2500  | 1           | 7,2500  | 7,7700     | 8    | 1            | 39            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 566,0000       | P                 | EUR               | 1,9000  | 2,1500  | 1,8500  | 13          | 2,1000  | 1,9400     | 2    | 29           | 101           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 568,0000       | C                 | EUR               | 6,2000  | 6,2000  | 6,2000  | 1           | 6,2000  | 6,2600     | 6    | 2            | 32            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 568,0000       | P                 | EUR               | 2,5500  | 2,9000  | 2,5500  | 8           | 2,5500  | 2,4400     | 2    | 10           | 159           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 570,0000       | C                 | EUR               | 5,5000  | 5,5000  | 4,4400  | 13          | 4,4500  | 4,8800     | 5    | 15           | 117           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 570,0000       | P                 | EUR               | 2,6000  | 3,6500  | 2,6000  | 27          | 3,1000  | 3,0600     | 3    | 56           | 87            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 572,0000       | C                 | EUR               | 3,9500  | 4,1000  | 3,2000  | 28          | 3,4000  | 3,6900     | 4    | 111          | 415           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 572,0000       | P                 | EUR               | 3,8000  | 4,4000  | 3,7000  | 27          | 3,9000  | 3,8700     | 4    | 46           | 107           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 574,0000       | C                 | EUR               | 2,8000  | 2,9000  | 2,3000  | 17          | 2,5000  | 2,6500     | 3    | 33           | 170           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 574,0000       | P                 | EUR               | 4,6000  | 5,6500  | 4,3500  | 16          | 4,9500  | 4,8300     | 5    | 69           | 61            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 576,0000       | C                 | EUR               | 2,0500  | 2,0500  | 1,5000  | 37          | 1,6500  | 1,8100     | 2    | 134          | 595           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 576,0000       | P                 | EUR               | 5,5500  | 5,9500  | 5,5500  | 7           | 5,9000  | 5,9900     | 6    | 19           | 6             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 578,0000       | C                 | EUR               | 1,2900  | 1,2900  | 1,0000  | 16          | 1,0500  | 1,1600     | 1    | 30           | 66            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 578,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3400     | 7    | 0            | 1             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 580,0000       | C                 | EUR               | 0,9700  | 0,9700  | 0,6000  | 23          | 0,6400  | 0,7300     | 1    | 87           | 174           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 580,0000       | P                 | EUR               | 9,0000  | 9,0000  | 9,0000  | 1           | 9,0000  | 8,9000     | 9    | 4            | 11            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 582,0000       | C                 | EUR               | 0,5500  | 0,5500  | 0,3500  | 4           | 0,4000  | 0,4400     | 0    | 4            | 57            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 582,0000       | P                 | EUR               | 10,4500 | 11,0000 | 10,4500 | 3           | 11,0000 | 10,6200    | 11   | 5            | 9             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 584,0000       | C                 | EUR               | 0,3100  | 0,3100  | 0,2000  | 3           | 0,2000  | 0,2600     | 0    | 10           | 10            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 584,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4300    | 12   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 585,0000       | C                 | EUR               | 0,1600  | 0,1700  | 0,1600  | 2           | 0,1700  | 0,2000     | 0    | 5            | 206           | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 585,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3800    | 13   | 0            | 24            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 590,0000       | C                 | EUR               | 0,0900  | 0,0900  | 0,0400  | 3           | 0,0400  | 0,0600     | 0    | 10           | 25            | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 590,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,2400    | 18   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 595,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 4             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 595,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,2000    | 23   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,1900    | 28   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 610,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 610,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,1800    | 38   | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | AX1                       | AEX Weekly - 1st Friday | 3-8-2018    | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,1800    | 48   | 0            | 0             | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 500,0000       | C                 | EUR               | 72,1000 | 72,1000 | 72,1000 | 1           | 72,1000 | 72,8400    | 73   | 3            | 20            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 500,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 1           | 0,0100  | 0,0100     | 0    | 2            | 60            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 62,8400    | 63   | 0            | 21            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 510,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 197           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,8400    | 53   | 0            | 1             | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 440           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 530,0000       | C                 | EUR               | 43,7300 | 43,7300 | 43,7300 | 1           | 43,7300 | 42,8400    | 43   | 10           | 57            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 530,0000       | P                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 1           | 0,0200  | 0,0100     | 0    | 8            | 305           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 535,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,8500    | 38   | 0            | 19            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 535,0000       | P                 | EUR               | 0,0200  | 0,0300  | 0,0200  | 4           | 0,0300  | 0,0100     | 0    | 16           | 137           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,8600    | 33   | 0            | 25            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 540,0000       | P                 | EUR               | 0,0300  | 0,0400  | 0,0300  | 3           | 0,0400  | 0,0200     | 0    | 12           | 425           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 544,0000       | C                 | EUR               | 28,7500 | 28,7500 | 28,7500 | 1           | 28,7500 | 28,8700    | 29   | 10           | 14            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 544,0000       | P                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 2           | 0,0400  | 0,0300     | 0    | 9            | 358           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 545,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,8800    | 28   | 0            | 13            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 545,0000       | P                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0400     | 0    | 1            | 587           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 546,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8800    | 27   | 0            | 15            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 546,0000       | P                 | EUR               | 0,0500  | 0,0500  | 0,0500  | 1           | 0,0500  | 0,0400     | 0    | 4            | 280           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 548,0000       | C                 | EUR               | 25,7800 | 25,7800 | 25,7800 | 1           | 25,7800 | 24,8800    | 25   | 10           | 92            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 548,0000       | P                 | EUR               | 0,0500  | 0,0500  | 0,0500  | 3           | 0,0500  | 0,0400     | 0    | 25           | 227           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 550,0000       | C                 | EUR               | 22,1500 | 22,2000 | 22,1500 | 2           | 22,2000 | 22,8900    | 23   | 2            | 152           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 550,0000       | P                 | EUR               | 0,0500  | 0,0500  | 0,0500  | 4           | 0,0500  | 0,0500     | 0    | 29           | 694           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 552,0000       | C                 | EUR               | 20,0000 | 20,7500 | 19,7500 | 8           | 20,2500 | 20,9000    | 21   | 37           | 47            | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   | 552,0000       | P                 | EUR               | 0,0600  | 0,0600  | 0,0500  | 4           | 0,0600  | 0,0600     | 0    | 17           | 710           | 25-7-2018          |
| O                | AX4                       | AEX Weekly - 4th Friday | 27-7-2018   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| 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                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 562,0000       | C                 | EUR               | 11,3000  | 11,3000  | 10,3500  | 4           | 10,3500  | 11,0600    |      | 11           | 5             | 81 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 562,0000       | P                 | EUR               | 0,2300   | 0,3000   | 0,2200   | 18          | 0,2400   | 0,2200     |      | 0            | 61            | 168 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 564,0000       | C                 | EUR               | 10,3800  | 10,4000  | 8,3500   | 14          | 8,5000   | 9,1600     |      | 9            | 23            | 151 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 564,0000       | P                 | EUR               | 0,3500   | 0,4500   | 0,3100   | 38          | 0,3400   | 0,3200     |      | 0            | 148           | 333 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 566,0000       | C                 | EUR               | 8,2500   | 8,2500   | 6,6000   | 8           | 7,2800   | 7,3100     |      | 7            | 37            | 197 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 566,0000       | P                 | EUR               | 0,5000   | 0,7200   | 0,4200   | 45          | 0,5100   | 0,4700     |      | 0            | 135           | 361 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 567,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 6,4200     |      | 6            | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 567,0000       | P                 | EUR               | 0,5900   | 0,8400   | 0,5700   | 17          | 0,7000   | 0,5800     |      | 1            | 43            | 37 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 568,0000       | C                 | EUR               | 6,1600   | 6,1600   | 4,7500   | 21          | 5,0100   | 5,5500     |      | 6            | 190           | 562 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 568,0000       | P                 | EUR               | 0,6500   | 1,0900   | 0,6500   | 49          | 0,7700   | 0,7100     |      | 1            | 286           | 651 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 569,0000       | C                 | EUR               | 4,3500   | 4,3500   | 4,3500   | 1           | 4,3500   | 4,7200     |      | 5            | 2             | 2 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 569,0000       | P                 | EUR               | 0,9300   | 1,2500   | 0,8300   | 27          | 0,9500   | 0,8800     |      | 1            | 105           | 44 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 570,0000       | C                 | EUR               | 4,6100   | 4,7000   | 3,2500   | 36          | 3,6000   | 3,9400     |      | 4            | 70            | 382 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 570,0000       | P                 | EUR               | 1,0000   | 1,7000   | 0,9200   | 90          | 1,1800   | 1,1000     |      | 1            | 324           | 414 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 571,0000       | C                 | EUR               | 3,3500   | 3,3500   | 2,6500   | 10          | 2,8000   | 3,2200     |      | 3            | 88            | 19 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 571,0000       | P                 | EUR               | 1,3000   | 1,8500   | 1,3000   | 15          | 1,4600   | 1,3800     |      | 1            | 21            | 11 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 572,0000       | C                 | EUR               | 2,9500   | 3,4500   | 2,2000   | 40          | 2,4000   | 2,5600     |      | 3            | 194           | 240 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 572,0000       | P                 | EUR               | 1,7500   | 2,5000   | 1,5000   | 62          | 1,8500   | 1,7200     |      | 2            | 121           | 182 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 573,0000       | C                 | EUR               | 2,6000   | 2,7000   | 1,6000   | 33          | 1,8500   | 1,9900     |      | 2            | 42            | 29 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 573,0000       | P                 | EUR               | 2,2500   | 2,7000   | 2,1500   | 5           | 2,2500   | 2,1500     |      | 2            | 13            | 13 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 574,0000       | C                 | EUR               | 2,0100   | 2,3000   | 1,2000   | 77          | 1,3800   | 1,4900     |      | 1            | 219           | 469 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 574,0000       | P                 | EUR               | 2,7500   | 3,5500   | 2,3500   | 38          | 2,7000   | 2,6500     |      | 3            | 101           | 104 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 575,0000       | C                 | EUR               | 1,4500   | 1,7500   | 0,8200   | 78          | 1,0000   | 1,0800     |      | 1            | 292           | 407 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 575,0000       | P                 | EUR               | 3,0000   | 4,0500   | 2,9500   | 13          | 3,5500   | 3,2400     |      | 3            | 42            | 125 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 576,0000       | C                 | EUR               | 1,0500   | 1,3000   | 0,6200   | 75          | 0,6600   | 0,7600     |      | 1            | 304           | 493 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 576,0000       | P                 | EUR               | 4,3500   | 4,8500   | 4,3500   | 5           | 4,4000   | 3,9200     |      | 4            | 17            | 63 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 578,0000       | C                 | EUR               | 0,5000   | 0,7000   | 0,2700   | 83          | 0,2800   | 0,3500     |      | 0            | 349           | 725 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 578,0000       | P                 | EUR               | 5,1500   | 6,6000   | 5,1500   | 6           | 5,8000   | 5,5100     |      | 6            | 21            | 150 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 580,0000       | C                 | EUR               | 0,2300   | 0,3300   | 0,1000   | 36          | 0,1300   | 0,1500     |      | 0            | 73            | 584 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 580,0000       | P                 | EUR               | 7,5500   | 7,9000   | 7,3000   | 5           | 7,3000   | 7,3100     |      | 7            | 18            | 31 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 582,0000       | C                 | EUR               | 0,1100   | 0,1100   | 0,0500   | 5           | 0,0500   | 0,0600     |      | 0            | 9             | 360 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 582,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 9,2200     |      | 9            | 0             | 10 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 584,0000       | C                 | EUR               | 0,0700   | 0,0700   | 0,0400   | 5           | 0,0400   | 0,0300     |      | 0            | 21            | 174 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 584,0000       | P                 | EUR               | 11,1000  | 11,1000  | 11,1000  | 1           | 11,1000  | 11,1900    |      | 11           | 3             | 19 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 585,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0200     |      | 0            | 0             | 168 25-7-2018      |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 585,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,1800    |      | 12           | 0             | 8 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 586,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 20 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 586,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 15,1700    |      | 13           | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 590,0000       | C                 | EUR               | 0,0200   | 0,0200   | 0,0200   | 1           | 0,0200   | 0,0100     |      | 0            | 1             | 79 25-7-2018       |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 590,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 17,1600    |      | 17           | 0             | 2 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 595,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 595,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,1600    |      | 22           | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 600,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,1600    |      | 27           | 0             | 1 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 610,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 610,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 37,1600    |      | 37           | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 620,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | AX4                       | AEX Weekly - 4th Friday              | 27-7-2018   | 620,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 47,1600    |      | 47           | 0             | 1 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| 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 25-7-2018        |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1101,6200  |      | 1102         | 0             | 0 25-7-2018        |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1096,1200  |      | 1096         | 0             | 0 25-7-2018        |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1095,1200  |      | 1095         | 0             | 0 25-7-2018        |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1094,1200  |      | 1094         | 0             | 0 25-7-2018        |
| F                | FMX                       | AMX Index Future                     | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 771,6000   |      | 772          | 0             | 0 25-7-2018        |
| F                | FMX                       | AMX Index Future                     | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 771,1000   |      | 771          | 0             | 0 25-7-2018        |
| F                | FMX                       | AMX Index Future                     | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 770,6000   |      | 771          | 0             | 0 25-7-2018        |
| F                | FTI                       | FUTURE AEX INDEX                     | 17-8-2018   | 0,0000         |                   | EUR               | 570,9000 | 571,1000 | 568,2500 | 19.533      | 570,4500 | 569,6000   |      | 570          | 23882         | 76393 25-7-2018    |
| F                | FTI                       | FUTURE AEX INDEX                     | 21-9-2018   | 0,0000         |                   | EUR               | 569,3500 | 569,3500 | 568,0000 | 8           | 568,5000 | 568,7500   |      | 569          | 9             | 530 25-7-2018      |
| F                | FTI                       | FUTURE AEX INDEX                     | 19-10-2018  | 0,0000         |                   | EUR               | 568,5000 | 568,5000 | 568,5000 | 1           | 568,5000 | 568,4000   |      | 568          | 1             | 1 25-7-2018        |
| F                | FTI                       | FUTURE AEX INDEX                     | 21-12-2018  | 0,0000         |                   | EUR               | 566,0000 | 566,2000 | 566,0000 | 2           | 566,2000 | 566,1500   |      | 566          | 4             | 1158 25-7-2018     |
| F                | FTI                       | FUTURE AEX INDEX                     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 564,2000   |      | 564          | 0             | 23 25-7-2018       |
| F                | FTI                       | FUTURE AEX INDEX                     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 555,1500   |      | 555          | 0             | 3 25-7-2018        |
| F                | MFA                       | AEX Index - Mini Future              | 17-8-2018   | 0,0000         |                   | EUR               | 570,0000 | 570,3000 | 568,4500 | 23          | 570,3000 | 569,6000   |      | 570          | 33            | 39 25-7-2018       |
| F                | MFA                       | AEX Index - Mini Future              | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 568,7500   |      | 569          | 0             | 0 25-7-2018        |
| F                | MFA                       | AEX Index - Mini Future              | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 568,4000   |      | 568          | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 169,6400   |      | 170          | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 129,6600   |      | 130          | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 440,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 460,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 109,6600   |      | 110          | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-8-2018   | 460,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0300     |      | 0            | 0             | 0 25-7-2018        |
| O                | MOA                       | AEX Index - Mini Option              | 17-         |                |                   |                   |          |          |          |             |          |            |      |              |               |                    |



| 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 | 17-8-2018   | 515,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 54,8800    | 55   | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 515,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,9300    | 50   | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 525,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,0100    | 45   | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 525,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 0             | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 530,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,1100    | 40   | 1            | 25-7-2018     | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 530,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 16           | 25-7-2018     | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 535,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,2600    | 35   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 535,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6600     | 1    | 1            | 25-7-2018     | 25-7-2018          |           |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 540,0000       | C                 | EUR               | 29,9000 | 30,0500 | 29,9000 | 2           | 30,0500 | 30,4800    | 30   | 2            | 4             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8700     | 1    | 0            | 5             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 545,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,7600    | 26   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 545,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1600     | 1    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 550,0000       | C                 | EUR               | 20,9500 | 20,9500 | 20,9500 | 1           | 20,9500 | 21,1800    | 21   | 1            | 3             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5800     | 2    | 0            | 7             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 555,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7600    | 17   | 0            | 3             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 555,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1600     | 2    | 0            | 5             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 560,0000       | C                 | EUR               | 11,9000 | 11,9000 | 11,9000 | 1           | 11,9000 | 12,6200    | 13   | 1            | 11            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0200     | 3    | 0            | 4             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 565,0000       | C                 | EUR               | 8,9000  | 8,9000  | 8,1000  | 2           | 8,1000  | 8,8500     | 9    | 2            | 11            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 565,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2500     | 4    | 0            | 7             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 570,0000       | C                 | EUR               | 6,1000  | 6,1000  | 5,6500  | 3           | 5,6500  | 5,6600     | 6    | 3            | 57            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 570,0000       | P                 | EUR               | 6,2500  | 6,2500  | 6,2500  | 1           | 6,2500  | 6,0600     | 6    | 50           | 62            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 575,0000       | C                 | EUR               | 3,4000  | 3,4000  | 3,4000  | 2           | 3,4000  | 3,2000     | 3    | 2            | 8             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 575,0000       | P                 | EUR               | 9,2000  | 9,2000  | 9,0000  | 2           | 9,0000  | 8,6000     | 9    | 2            | 9             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     | 2    | 0            | 11            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 580,0000       | P                 | EUR               | 12,5000 | 12,5000 | 12,5000 | 1           | 12,5000 | 12,0200    | 12   | 1            | 1             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 585,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     | 1    | 0            | 2             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 585,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,1100    | 16   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 590,0000       | C                 | EUR               | 0,3000  | 0,3000  | 0,3000  | 2           | 0,3000  | 0,3000     | 0    | 2            | 1             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 590,0000       | P                 | EUR               | 21,0000 | 21,0000 | 21,0000 | 1           | 21,0000 | 20,7000    | 21   | 1            | 1             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 595,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 1             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 595,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,5300    | 26   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4900    | 30   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 605,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 605,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4600    | 35   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 610,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 610,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,4500    | 40   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 615,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 615,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,4400    | 45   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,4300    | 50   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 630,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 630,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,4200    | 60   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 70,4200    | 70   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 660,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 660,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 90,4200    | 90   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 110,4200   | 110  | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 17-8-2018   | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 150,4300   | 150  | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 168,8800   | 169  | 0            | 1             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 440,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 128,9500   | 129  | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 440,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 109,0600   | 109  | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     | 0    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 89,1900    | 89   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4200     | 0    | 0            | 3             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 66,5000    | 70   | 0            | 2             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     | 1    | 0            | 22            | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,7600    | 60   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 510,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     | 1    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,1600    | 50   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4100     | 1    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 525,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,4300    | 45   | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 525,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6800     | 2    | 0            | 0             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   | 530,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,7200    | 41   | 0            | 4             | 25-7-2018          | 25-7-2018 |
| O                | MOA                       | AEX Index - Mini Option | 21-9-2018   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |           |



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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                | PSX                       | PSI20 Index Option | 17-8-2018   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 327,3300   | 327  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     | 8    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5350,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 281,6600   | 282  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5350,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6000    | 13   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 237,9100   | 238  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8600    | 19   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,6900   | 197  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,6500    | 28   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 158,6400   | 159  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,6100    | 40   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5525,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 141,0100   | 141  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5525,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,9900    | 47   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,4000   | 124  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,3800    | 55   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5575,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,8800   | 109  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5575,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,8700    | 65   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,5000    | 95   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,5000    | 76   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5625,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,3000    | 81   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5625,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 87,3000    | 87   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,2900    | 69   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,3000   | 100  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5675,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,4900    | 58   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5675,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 114,5000   | 115  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,8700    | 49   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,8900   | 130  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,0400    | 33   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 164,0700   | 164  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3400    | 21   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 202,3800   | 202  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1300    | 13   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 244,1900   | 244  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     | 8    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 288,7500   | 289  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 383,3300   | 383  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 481,6400   | 482  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 581,2400   | 581  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 781,1800   | 781  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 981,2300   | 981  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 17-8-2018   | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1181,2800  | 1181 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 3600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2011,1800  | 2011 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 3600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1611,0300  | 1611 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1211,3100  | 1211 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1012,1200  | 1012 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 912,9000   | 913  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 814,4000   | 814  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9400     | 4    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 716,7000   | 717  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     | 6    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4950,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 668,2000   | 668  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 4950,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8200     | 8    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 620,4100   | 620  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0600    | 10   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5050,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 572,8700   | 573  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5050,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5400    | 13   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 526,1300   | 526  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8400    | 16   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5150,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 480,2600   | 480  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5150,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9900    | 20   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 435,2800   | 435  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,0400    | 25   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5250,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 391,4900   | 391  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5250,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2800    | 31   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 349,1300   | 349  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5300,0000      | 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                | PSX                       | PSI20 Index Option | 21-9-2018   | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 107,3300   | 107  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,8600   | 139  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,8600   | 129  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,3700   | 113  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,4000   | 153  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,0500    | 91   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 181,1100   | 181  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,9400    | 72   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,0200   | 212  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,7800    | 56   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 245,8900   | 246  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,5200    | 43   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 282,6600   | 283  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7900    | 32   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 321,9600   | 322  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5950,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4200    | 23   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 5950,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 363,6100   | 364  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9600    | 17   | 0            | 20            | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 407,1800   | 407  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 498,7900   | 499  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 594,4500   | 594  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 791,3300   | 791  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 990,7500   | 991  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1190,7300  | 1191 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 7200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-9-2018   | 7200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1590,9200  | 1591 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 4400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1213,0100  | 1213 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 4400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 820,9700   | 821  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3000    | 11   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 632,0400   | 632  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5300    | 23   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 541,2100   | 541  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7900    | 32   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 454,0000   | 454  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,6600    | 45   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 371,5400   | 372  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,2900    | 62   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 295,3900   | 295  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,2200    | 86   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 260,1900   | 260  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 101,0600   | 101  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 227,1500   | 227  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,0600   | 118  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 196,4300   | 196  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 137,3800   | 137  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 168,1600   | 168  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 159,1500   | 159  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,4300   | 142  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 183,4600   | 183  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,3000   | 119  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 210,3700   | 210  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 98,7700    | 99   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 239,8900   | 240  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,7900    | 81   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 271,9500   | 272  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,0800    | 52   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 343,3200   | 343  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,9000    | 32   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 423,2200   | 423  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5700    | 19   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 509,9800   | 510  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2900    | 10   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 601,7800   | 602  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 3    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 794,4300   | 794  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 19-10-2018  | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1192,1400  | 1192 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 3600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2011,1400  | 2011 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 3600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 0            | 0             | 25-                |



| 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  | 4900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 750,2600   | 750  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 4900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,3100    | 44   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 4950,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 705,4400   | 705  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 4950,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,5500    | 50   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 661,2700   | 661  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,4500    | 55   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5050,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 617,8400   | 618  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5050,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,0900    | 62   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 575,2200   | 575  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,5400    | 70   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5150,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 533,5100   | 534  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5150,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,8900    | 78   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 492,7900   | 493  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 87,2400    | 87   | 0            | 1             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5250,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 453,1600   | 453  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5250,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 97,6800    | 98   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 414,7400   | 415  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,3300   | 109  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5350,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 377,7100   | 378  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5350,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 122,3700   | 122  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 342,2200   | 342  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,9400   | 137  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 308,3900   | 308  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,1800   | 153  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 276,3300   | 276  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,1800   | 171  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 246,1200   | 246  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 191,0500   | 191  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 217,8700   | 218  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,8600   | 213  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 191,6200   | 192  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 236,6800   | 237  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 167,4200   | 167  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 262,5400   | 263  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,2800   | 145  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 290,4800   | 290  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 125,2000   | 125  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 320,4600   | 320  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 107,1400   | 107  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 352,4700   | 352  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,0400    | 91   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 386,4400   | 386  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,3600    | 64   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 459,8900   | 460  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,2700    | 44   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 539,9400   | 540  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,6800    | 30   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 625,4900   | 625  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5100    | 13   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 808,5900   | 809  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1198,5600  | 1199 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 7200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 7200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1597,5000  | 1598 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1630,9900  | 1631 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6000    | 26   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1245,4600  | 1245 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9200    | 41   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1057,9500  | 1058 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,8300    | 54   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 876,1100   | 876  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,4100    | 72   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 702,4000   | 702  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 99,1300    | 99   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 619,6000   | 620  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,5400   | 117  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,1600   | 540  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 137,3100   | 137  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 464,6300   | 465  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 161,9900   | 162  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5350,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 428,6100   | 429  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5350,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 176,0800   | 176  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 393,9500   | 394  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 191,5200   | 192  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5450,0000      | C                 | EUR               | 0,0000 | 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                | PSX                       | PSI20 Index Option | 15-3-2019   | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 316,6600   | 317  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,0800   | 195  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 343,3900   | 343  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,4500   | 173  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 371,8600   | 372  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 135,3200   | 135  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 433,9500   | 434  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 103,7800   | 104  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 502,6200   | 503  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,3100    | 78   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 577,3600   | 577  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2400    | 58   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 657,5000   | 658  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1100    | 31   | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 830,7900   | 831  | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4200     | 8    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1208,9500  | 1209 | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 7200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     | 3    | 0            | 0             | 25-7-2018          |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 7200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1603,9300  | 1604 | 0            | 0             | 25-7-2018          |

\* 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           | 17-8-2018   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,8900   | 117  | 0            | 0             | 25-7-2018          |
| F                | FED                       | FUTURE EURO/DOLLAR           | 21-9-2018   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 117,1400   | 117  | 0            | 0             | 25-7-2018          |
| F                | FED                       | FUTURE EURO/DOLLAR           | 19-10-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 117,3600   | 117  | 0            | 0             | 25-7-2018          |
| F                | FED                       | FUTURE EURO/DOLLAR           | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 117,8800   | 118  | 0            | 0             | 25-7-2018          |
| F                | FED                       | FUTURE EURO/DOLLAR           | 15-3-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,6200   | 119  | 0            | 0             | 25-7-2018          |
| F                | FED                       | FUTURE EURO/DOLLAR           | 21-6-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,5400   | 120  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 17-8-2018   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,6300   | 132  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 21-9-2018   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,9100   | 132  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 19-10-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 132,1600   | 132  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 132,7400   | 133  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 15-3-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,5800   | 134  | 0            | 0             | 25-7-2018          |
| F                | FPD                       | British Pound / USD Futures  | 21-6-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 134,6100   | 135  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 17-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,6000   | 113  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 21-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,5700   | 113  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 19-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,5300   | 113  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,4600   | 112  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,3800   | 112  | 0            | 0             | 25-7-2018          |
| F                | FPE                       | British Pound / Euro Futures | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,3000   | 112  | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 128,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 128,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 129,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 129,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 130,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 130,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 131,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 131,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 132,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 132,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 133,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 133,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 134,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 134,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 3    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 135,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 135,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 136,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 136,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 137,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 17-8-2018   | 137,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     | 5    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 126,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     | 6    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 126,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 128,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 128,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 129,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 129,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 130,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 130,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 131,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 131,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 132,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 132,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 133,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 133,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 134,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 134,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 135,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 135,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     | 4    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 136,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 136,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     | 5    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 138,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 25-7-2018          |
| O                | PDX                       | British Pound / USD Options  | 21-9-2018   | 138,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     | 6    | 0            | 0             | 25-7-2018          |



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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: Option / F: Future |                           | ** C: Call / P: Put |             |                |                   |                   |      |      |     |             |       |            |      |              |               |                    |

## Commodities

| 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                | SMP                       | Skimmed Milk Powder Futures          | 23-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 22-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 19-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 20-2-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 21-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 18-4-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-5-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-7-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 22-8-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-10-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 21-11-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 19-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | SMP                       | Skimmed Milk Powder Futures          | 23-1-2020   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2313,0000  | 2313 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 22-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 19-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 20-2-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 21-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 18-4-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-5-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-7-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 22-8-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-10-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 21-11-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 19-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | ULB                       | Unsalted Lactic Butter Futures       | 23-1-2020   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3822,0000  | 3822 | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-8-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 20-9-2018   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-10-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 22-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 19-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 20-2-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 21-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 18-4-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-5-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-7-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 22-8-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-10-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 21-11-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 19-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-1-2020   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 25-7-2018          |

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