

MAANDAG 31 DECEMBER 2018

UITGEGEVEN DOOR EURONEXT AMSTERDAM

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EURONEXT AMSTERDAM

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	4-1-2019	19,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	19,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	19,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	19,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	19,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	19,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	2	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,0000	P	EUR	0,1500	0,1500	0,1500	-	1	0,1500	0,1000		0	1	49	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,2000	P	EUR	0,1700	0,2000	0,1700	-	3	0,2000	0,1400		0	9	9	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,4000	C	EUR	0,3100	0,3100	0,2800	-	2	0,2800	0,3500		0	23	24	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,4000	P	EUR	0,2400	0,2400	0,2400	-	1	0,2400	0,2100		0	1	1	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,8000	C	EUR	0,1300	0,1300	0,1200	-	3	0,1200	0,1400		0	123	254	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	20,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	21,0000	C	EUR	0,0600	0,0600	0,0600	-	1	0,0600	0,0800		0	2	3	31-12-2018
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	21,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0	31-12-2018	
O	1AB	ABN AMRO Group - Weekly Option 1st Friday	4-1-2019	21,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	8,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	8,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	1	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,4000	C	EUR	0,1900	0,1900	0,1900	-	1	0,1900	0,2200		0	1	1	31-12-2018
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,8000	C	EUR	0,0600	0,0600	0,0600	-	1	0,0600	0,0500		0	1	1	31-12-2018
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0	31-12-2018	
O	1AF	Air France-KLM - Weekly Option 1st Friday	4-1-2019	9,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	3,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	2	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	1	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,1000	P	EUR	0,0800	0,0800	0,0800	-	2	0,0800	0,0600		0	2	2	31-12-2018
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	1AG	AEGON Weekly Option - Week 1	4-1-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	0	31-12-2018	
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	0	31-12-2018	
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	0	31-12-2018	

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	2	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,6000	P	EUR	0,0400	0,0700	0,0400	5	0,0700	0,1000	0	5	5	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	21,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	10	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,0000	P	EUR	0,1900	0,1900	0,1900	1	0,1900	0,2000	0	24	25	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	1	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	1	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	49	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1AH	Ahold Delhaize Koninklijke - Weekly Option 1st Friday	4-1-2019	22,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	67,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4100	3	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	67,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600	2	0	1	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	69,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	69,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	71,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	71,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	0	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	73,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1	31-12-2018
O	1AK	Akzo Nobel NV - Weekly Option 1st Friday	4-1-2019	73,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100	3	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,1600	37	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,1700	32	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,1700	27	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1800	22	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2000	17	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	122,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2200	15	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	122,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	124,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2400	13	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	124,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	126,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2900	11	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	126,0000	P	EUR	0,1900	0,1900	0,1200	5	0,1200	0,1300	0	6	27	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3500	9	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	128,0000	P	EUR	0,3100	0,3100	0,1900	6	0,2200	0,2000	0	6	14	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4700	7	0	1	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	130,0000	P	EUR	0,5700	0,5700	0,3200	4	0,3200	0,3200	0	11	19	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6800	6	0	1	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	132,0000	P	EUR	0,7500	0,7600	0,5500	5	0,5700	0,5300	1	6	20	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0500	4	0	27	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	134,0000	P	EUR	1,2100	1,3100	0,9000	5	0,9000	0,9000	1	5	5	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	136,0000	C	EUR	2,3500	2,8500	2,3500	3	2,5500	2,6400	3	5	10	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	136,0000	P	EUR	1,4600	1,4600	1,4600	1	1,4600	1,4900	1	2	11	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	138,0000	C	EUR	1,3200	1,7000	1,3200	3	1,7000	1,5600	2	3	14	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	138,0000	P	EUR	2,5500	2,5500	2,5500	1	2,5500	2,4100	2	1	5	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	140,0000	C	EUR	0,8400	0,8800	0,8100	3	0,8100	0,8000	1	7	95	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500	4	0	1	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	142,0000	C	EUR	0,4000	0,4500	0,3600	8	0,4200	0,3700	0	12	24	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	142,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2100	5	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	144,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	1AS	ASML Holding NV - Weekly Option 1st Friday	4-1-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900	7	0	0	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100	6	0	0	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	5	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	67,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400	5	0	0	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	67,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	4	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600	4	0	0	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	68,0000	P	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1300	0	3	3	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	69,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500	3	0	0	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	69,0000	P	EUR	0,3300	0,3300	0,3300	1	0,3300	0,2100	0	2	7	31-12-2018
O	1DS	DSM NV Koninklijke - Weekly Option 1st Friday	4-1-2019	70												

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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	1IC	IME Weekly Option W1 (Underlying: iShares Core MSCI Europe U	4-1-2019	21,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1IC	IME Weekly Option W1 (Underlying: iShares Core MSCI Europe U	4-1-2019	21,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	1IC	IME Weekly Option W1 (Underlying: iShares Core MSCI Europe U	4-1-2019	21,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1IC	IME Weekly Option W1 (Underlying: iShares Core MSCI Europe U	4-1-2019	21,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	31,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	32,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	1IG	IM Weekly Option W1 (Underlying: iSHARES MSCI EMERGING MARK	4-1-2019	33,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	41,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	41,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	41,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	41,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	42,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	43,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	44,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	1U	IP Weekly Option W1 (Underlying: iSHARES MSCI JAPAN EUR HED	4-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	0	31-12-2018
O	1IN	ING Groep Weekly Option - 1st Friday	4-1-2019	8,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
O	1IN	ING Groep Weekly Option - 1st Friday	4-1-2019	8,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	4	3	31-12-2018
O	1IN	ING Groep Weekly Option - 1st Friday	4-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	1IN	ING Groep Weekly Option - 1st Friday	4-1-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	1IN	ING Groep Weekly Option - 1st Friday	4-1-2019	9,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	1IN															

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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	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1I2	ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT	4-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,2000	C	EUR	1,1500	1,1700	1,1500	3	1,1700	1,0000	1	6	6	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	5	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	3	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	2	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,6000	P	EUR	0,0800	0,0800	0,0800	1	0,0800	0,1300	0	5	5	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	17,8000	P	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1800	0	3	29	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,0000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,3900	0	3	9	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,0000	P	EUR	0,2400	0,2400	0,1700	7	0,2200	0,2500	0	77	86	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,2000	C	EUR	0,3200	0,3700	0,3200	4	0,3500	0,2700	0	7	13	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,2000	P	EUR	0,2800	0,3500	0,2800	3	0,3300	0,3400	0	21	22	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,4000	C	EUR	0,1700	0,2800	0,1700	9	0,1700	0,1900	0	44	51	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,4000	P	EUR	0,3700	0,3900	0,3700	2	0,3900	0,4500	0	2	39	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,6000	C	EUR	0,1500	0,1600	0,1200	7	0,1600	0,1100	0	24	15	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,8000	C	EUR	0,0800	0,0800	0,0800	2	0,0800	0,0700	0	2	9	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	18,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,0000	C	EUR	0,0600	0,0600	0,0500	5	0,0600	0,0500	0	6	26	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	2	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	0	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	1MT	ArcelorMittal Weekly Option - 1st Friday	4-1-2019	19,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	5	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	4	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,8000	C	EUR	0,0000	0,0000	0,0000	1	0,0000	1,2400	0	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	29,8000	P	EUR	0,0900	0,0900	0,0900	1	0,0900	0,1100	0	4	4	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	30,0000	P	EUR	0,1100	0,1100	0,0700	3	0,0700	0,1300	0	46	23	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	30,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	3	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	30,5000	P	EUR	0,2100	0,2400	0,1600	4	0,1600	0,2300	0	6	6	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	31,0000	C	EUR	0,3600	0,4200	0,3500	3	0,4200	0,3300	0	6	6	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	31,0000	P	EUR	0,3800	0,3800	0,3800	1	0,3800	0,4000	0	58	61	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	31,5000	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1300	0	1	9	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	31,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	5	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	32,0000	C	EUR	0,0400	0,0600	0,0400	2	0,0600	0,0500	0	2	6	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	32,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	1PH	Philips NV Koninklijke - Weekly Option - Week 1	4-1-2019	32,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700	1	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	1	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	1	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	9	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	5	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	24,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	18	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,0000	C	EUR	0,7500	0,8300	0,7500	3	0,8000	0,7400	1	3	11	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,0000	P	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0900	0	1	166	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	5	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,2000	P	EUR	0,0900	0,0900	0,0900	1	0,0900	0,1200	0	1	15	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	68	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	3	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,6000	C	EUR	0,2700	0,2700	0,2500	2	0,2500	0,2900	0	2	11	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,6000	P	EUR	0,2100	0,2100	0,2100	3	0,2100	0,2300	0	3	19	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,8000	C	EUR	0,1800	0,2800	0,1800	6	0,2100	0,1800	0	7	87	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	25,8000	P	EUR	0,2500	0,2500	0,2500	1	0,2500	0,3300	0	1	8	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,0000	C	EUR	0,1000	0,1600	0,0900	12	0,1300	0,1100	0	92	88	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	2	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	1RD	Royal Dutch Weekly Option - 1st Friday	4-1-2019	26,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	0	31-12-2018
O	1SB	SBM Offshore NV - Weekly Option 1st Friday	4-1-2019	11,6000	C											

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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	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	12,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	12,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	12,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	2SB	SBM Offshore NV - Weekly Option 2nd Friday	11-1-2019	13,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	7,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,0000	C	EUR	0,2000	0,2000	0,2000	1	0,2000	0,2600	0	1	1	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	2TT	TomTom - Weekly Option 2nd Friday	11-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	44,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900	3	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	44,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	45,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700	2	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	45,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	46,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	46,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	2	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	47,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	1	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	47,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	48,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	2UN	Unilever NV - Weekly Option 2nd Friday	11-1-2019	48,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	29,0442	29	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	29,0361	29	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	29,0305	29	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	28,4651	28	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	28,4459	28	0	0	31-12-2018
F	AA6	Aalberts Industries NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	28,4294	28	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	AA8	Aalberts Industries - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	0	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	25,0000	C	EUR	3,8000	4,1500	3,8000	8	4,1500	4,1900	4	8	33	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	25,0000	P	EUR	0,1600	0,1600	0,1500	3	0,1500	0,1300	0	3	21	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500	3	0	61	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	26,0000	P	EUR	0,2400	0,2400	0,2400	1	0,2400	0,2100	0	1	60	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100	3	0	0	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	26,5000	P	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2600	0	3	3	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3900	2	0	64	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	27,0000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3300	0	1	154	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	0	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	27,5000	P	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4200	0	5	32	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100	2	0	33	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	28,0000	P	EUR	0,7100	0,7100	0,6400	2	0,6400	0,5500	1	2	124	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	28,5000	C	EUR	1,2200	1,2200	1,2200	3	1,2200	1,2600	1	20	33	31-12-2018
O	AAI	Aalberts Industries	18-1-2019	28,5000	P	EUR	0,9000	0,9000	0,7500	4	0,7500	0,7100	1			

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AAI	Aalberts Industries	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600		3	0	231 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	33,0000	C	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0500		0	5	120 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	222 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	121 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	24 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	131 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600		7	0	23 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	16 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	38,0000	P	EUR	9,2100	9,2100	9,1300	3	9,1300	8,9600		9	3	44 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AAI	Aalberts Industries	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9500		11	0	69 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3200		5	0	0 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4300		4	0	3 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	25,0000	P	EUR	0,4100	0,4100	0,4100	1	0,4100	0,3700		0	1	1 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700		4	0	0 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	49 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900		3	0	0 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	61 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	0 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	27,5000	P	EUR	0,9400	0,9400	0,9400	1	0,9400	0,8600		1	1	1 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	28,0000	C	EUR	2,0000	2,0000	2,0000	1	2,0000	2,0800		2	1	71 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	108 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	7 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	1 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800		1	0	20 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	55 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	29,5000	C	EUR	1,1600	1,1600	1,1600	1	1,1600	1,2200		1	1	11 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700		2	0	4 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	30,0000	C	EUR	0,9800	0,9800	0,9800	2	0,9800	1,0000		1	6	68 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500		2	0	33 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	31,0000	C	EUR	0,6400	0,6400	0,6400	1	0,6400	0,6500		1	1	85 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	197 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	204 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	20 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	19 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1800		4	0	45 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	34,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	36 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000		5	0	3 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	36,0000	C	EUR	0,0600	0,0600	0,0600	3	0,0600	0,0500		0	3	83 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	36,0000	P	EUR	7,2600	7,2600	7,1700	3	7,1700	6,9900		7	3	11 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	6 31-12-2018
O	AAI	Aalberts Industries	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9800		9	0	3 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3000		7	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	47 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	5 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	281 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6400		5	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	7 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	92 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	218 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800		3	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	15 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900		1	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	28,0000	C	EUR	2,4100	2,4100	2,4100	1	2,4100	2,4300		2	1	60 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	28,0000	P	EUR	1,4700	1,4700	1,4700	1	1,4700	1,3600		1	1	101 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	1 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400		2	0	27 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	22 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	29,5000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	2,0500		2	0	0 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	279 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	30,0000	P	EUR	2,5500	2,5500	2,5500	1	2,5500	2,3200		2	1	362 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	32,0000	C	EUR	0,7000	0,7000	0,6700	4	0,6700	0,7000		1	11	227 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6400		4	0	194 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	248 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	34,0000	P	EUR	5,6000	5,6000	5,3500	2	5,3500	5,2800		5	3	320 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	220 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	35,0000	P	EUR	6,3000	6,3000	6,2500	2	6,2500	6,1800		6	2	396 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	307 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000		7	0	458 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	38,0000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0900		0	1	295 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0300		9	0	520 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	662 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0000		11	0	311 31-12-2018
O	AAI	Aalberts Industries	15-3-2019	42,0000	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	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AAI	Aalberts Industries	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,9900	26	0	0	31-12-2018
O	AAI	Aalberts Industries	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AAI	Aalberts Industries	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9900	31	0	0	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4500	7	0	0	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	79	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7100	6	0	15	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600	1	0	406	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	26,0000	C	EUR	4,1700	4,1700	4,1700	1	4,1700	4,2000	4	1	20	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	26,0000	P	EUR	1,5200	1,5200	1,5100	3	1,5100	1,5100	2	50	153	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5100	4	0	2	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	0	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	28,0000	C	EUR	2,8300	2,8300	2,8300	1	2,8300	2,9000	3	1	153	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	239	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700	2	0	13	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100	3	0	100	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	30,0000	C	EUR	1,9000	1,9000	1,9000	1	1,9000	1,9000	2	5	271	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	30,0000	P	EUR	3,5400	3,5400	3,5400	1	3,5400	3,3800	3	3	538	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	32,0000	C	EUR	1,1500	1,1500	1,1500	2	1,1500	1,2000	1	6	164	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	161	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	34,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7400	1	1	323	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2900	6	0	352	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	529	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9800	8	0	221	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	38,0000	C	EUR	0,2600	0,2600	0,2600	1	0,2600	0,2700	0	1	91	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8200	10	0	362	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	318	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7700	12	0	357	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	43	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6700	17	0	59	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	25	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6400	22	0	2	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	25	31-12-2018
O	AAI	Aalberts Industries	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,6200	27	0	25	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5700	8	0	20	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	19	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	24,0000	C	EUR	5,7500	5,7500	5,7500	1	5,7500	5,9600	2	2	2	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	70	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300	5	0	2	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	26,0000	P	EUR	2,0000	2,0000	2,0000	1	2,0000	2,0000	2	4	40	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100	4	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800	2	0	55	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	28,0000	C	EUR	3,2500	3,2500	3,2500	1	3,2500	3,3500	3	10	21	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	8	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300	3	0	30	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	29,0000	P	EUR	3,3500	3,3500	3,3500	1	3,3500	3,3500	3	1	8	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	15	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	35,0000	P	EUR	7,6000	7,6000	7,6000	1	7,6000	7,5200	8	1	16	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9300	12	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	AAI	Aalberts Industries	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7200	17	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	17,0000	P	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0500	0	1	1	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100	3	0	1	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	133	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000	2	0	32	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	19,0000	P	EUR	0,1900	0,1900	0,1900	1	0,1900	0,1600	0	4	173	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	36	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	19,5000	P	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2400	0	1	164	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	20,0000	C	EUR	0,8500	0,9000	0,8300	4	0,8300	0,9100	1	10	95	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	20,0000	P	EUR	0,4200	0,4400	0,4000	5	0,4000	0,3700	0	18	670	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	20,5000	C	EUR	0,5800	0,5800	0,5800	1	0,5800	0,5900	1	5	177	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	20,5000	P	EUR	0,6500	0,6500	0,6300	2	0,6300	0,5600	1	9	263	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	21,0000	C	EUR	0,3300	0,3600	0,2900	9	0,2900	0,3600	0	25	321	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	376	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	182	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	174	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	22,0000	C	EUR	0,0900	0,1000	0,0900	2	0,1000	0,1000	0	12	367	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	22,0000	P	EUR	1,7400	1,7400	1,7400	2	1,7400	1,5600	2	10	898	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	22,5000	C	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0600	0	2	353	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200	2	0	148	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	23,0000	C	EUR	0,0400	0,0400	0,0400	1	0,0400	0,0300	0	1	474	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800	2	0	201	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-1-2019	23,5000	C	EUR	0,0200	0,0200	0,0200	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	ABN	ABN AMRO Group - Stock Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	4	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	54	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	26	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	204	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	19,5000	P	EUR	0,6200	0,6300	0,6200	2	0,6300	0,5600	1	4	8	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	20,0000	C	EUR	1,2500	1,2500	1,2100	2	1,2100	1,2600	1	2	107	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	20,0000	P	EUR	0,8000	0,8000	0,8000	2	0,8000	0,7200	1	3	372	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700	1	0	160	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	214	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	21,0000	C	EUR	0,6600	0,7200	0,6600	4	0,6800	0,7200	1	13	177	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	670	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	21,5000	C	EUR	0,4900	0,5100	0,4900	2	0,5100	0,5300	1	26	280	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	227	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	190	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	233	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	22,5000	C	EUR	0,2400	0,2400	0,2300	2	0,2300	0,2600	0	2	166	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200	2	0	96	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	141	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500	3	0	414	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	130	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900	3	0	351	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	24,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0900	0	2	131	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	35	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	4	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100	5	0	10	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	15	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5000	6	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6300	7	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	28	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900	5	0	13	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	139	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700	4	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	17,0000	P	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2400	0	8	210	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100	3	0	2	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	18,0000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3800	0	1	591	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	22	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	19,0000	P	EUR	0,6400	0,6400	0,6400	1	0,6400	0,5900	1	2	277	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	1	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	178	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	20,0000	P	EUR	0,9400	0,9400	0,9300	2	0,9300	0,9000	1	11	620	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	50	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	20,5000	P	EUR	1,2000	1,2000	1,2000	1	1,2000	1,1200	1	2	37	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	21,0000	C	EUR	0,9000	0,9000	0,9000	2	0,9000	0,9100	1	2	308	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	21,0000	P	EUR	1,4000	1,4000	1,4000	1	1,4000	1,3800	1	1	824	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	22,0000	C	EUR	0,5200	0,5200	0,4800	8	0,5000	0,5300	1	52	1437	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	2363	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	23,0000	C	EUR	0,2800	0,2800	0,2500	5	0,2600	0,2900	0	6	2242	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500	3	0	2818	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	1228	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	24,0000	P	EUR	3,7300	3,7300	3,7300	1	3,7300	3,6300	4	5	1097	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	660	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500	5	0	567	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1068	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5000	6	0	220	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	142	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5000	7	0	173	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	81	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5000	8	0	47	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4800	9	0	0	31-12-2018
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	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,4800	14	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6500	7	0	0	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	39	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7700	5	0	210	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	227	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	383	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	1142	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	263	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	1087	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	450	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	2470	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	21												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	493	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3300	6	0	220	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	861	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2800	7	0	354	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	1398	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2800	8	0	437	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	440	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2200	9	0	348	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	712	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2000	10	0	355	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	33	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2200	12	0	99	31-12-2018
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	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2200	15	0	45	31-12-2018
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	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,2200	20	0	99	31-12-2018
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	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,2200	25	0	218	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	14,0000	C	EUR	6,4500	6,4500	6,4500	1	6,4500	6,6500	7	35	145	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	3	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7800	5	0	226	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	16,0000	P	EUR	0,7400	0,7400	0,7400	1	0,7400	0,7200	1	1	33	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300	3	0	154	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	194	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	30	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	20	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800	2	0	308	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	20,0000	P	EUR	2,2600	2,2900	2,2600	2	2,2900	2,2300	2	3	734	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	21,0000	C	EUR	1,2500	1,2500	1,2500	1	1,2500	1,2900	1	10	259	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	88	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	22,0000	C	EUR	0,8900	0,8900	0,8700	2	0,8700	0,9100	1	30	288	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	22,0000	P	EUR	3,6000	3,6000	3,6000	1	3,6000	3,5400	4	5	237	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	23,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6400	1	2	725	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3200	4	0	589	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	77	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1400	5	0	130	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	113	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0400	6	0	196	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	74	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600	7	0	76	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	1	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8800	9	0	23	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	34	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8300	11	0	30	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6500	7	0	283	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	14,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4800	0	2	145	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200	5	0	89	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	16,0000	P	EUR	0,9100	0,9100	0,9100	2	0,9100	0,8800	1	2	168	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900	3	0	72	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	18,0000	P	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5300	2	5	873	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100	3	0	125	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	19,0000	P	EUR	2,0600	2,0600	2,0500	2	2,0500	1,9700	2	2	181	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	748	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	20,0000	P	EUR	2,5900	2,5900	2,5900	1	2,5900	2,4900	2	1	1290	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	21,0000	C	EUR	1,4300	1,4300	1,3800	2	1,3800	1,4500	1	2	410	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	21,0000	P	EUR	3,1500	3,1500	3,1500	1	3,1500	3,0800	3	2	1462	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	22,0000	C	EUR	1,0500	1,0500	1,0400	3	1,0400	1,0700	1	15	1996	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7600	4	0	1342	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	23,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7900	1	5	978	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5200	5	0	2691	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	24,0000	C	EUR	0,5500	0,5500	0,5500	2	0,5500	0,5800	1	5	1784	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	24,0000	P	EUR	5,4000	5,4000	5,4000	1	5,4000	5,3000	5	1	854	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	1194	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900	6	0	574	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	2280	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0900	7	0	2055	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	27,0000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2400	0	1	474	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0100	8	0	215	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	510	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600	9	0	318	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	107	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9300	10	0	5	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	124	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9000	11	0	6	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	20-12-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	648	

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	4 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7200		6	0	252 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	26 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	18,0000	C	EUR	3,1500	3,1500	3,1500	1	3,1500	3,2500		3	1	378 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	231 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500		2	0	398 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	589 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	22,0000	C	EUR	1,2100	1,2100	1,2100	1	1,2100	1,2400		1	5	485 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300		5	0	427 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	314 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	24,0000	P	EUR	6,2000	6,2000	6,2000	1	6,2000	6,1300		6	5	95 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	255 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700		7	0	78 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	66 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8700		8	0	101 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	15	31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7100		10	0	26 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	30,0000	C	EUR	0,1900	0,1900	0,1800	2	0,1800	0,2100		0	2	2577 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6100		12	0	2573 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7000		6	0	2 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	15,0000	P	EUR	1,3000	1,3000	1,3000	1	1,3000	1,2900		1	5	14 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300		3	0	2 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800		3	0	13 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	20,0000	C	EUR	2,1000	2,1100	2,1000	2	2,1100	2,0800		2	6	18 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	20,0000	P	EUR	3,7000	3,7000	3,7000	1	3,7000	3,7400		4	2	5 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	22,0000	C	EUR	1,3000	1,3000	1,3000	2	1,3000	1,3000		12	21	21 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1400		5	0	7 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	25,0000	C	EUR	0,6300	0,6300	0,6300	1	0,6300	0,6600		1	5	15 31-12-2018
O	ABN	ABN AMRO Group - Stock Option	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6500		8	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8400		7	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400		6	0	67 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400		5	0	4 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	79 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3400		4	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	12	12 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	48 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	118 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	15,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500		3	0	75 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	15,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	22	31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8700		3	0	20 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	43 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	21 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	8 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	17,0000	C	EUR	1,8000	1,8000	1,8000	1	1,8000	1,9500		2	1	133 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	21	21 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	85 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	157 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	10 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	24 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	19,0000	C	EUR	0,3700	0,3800	0,3700	2	0,3800	0,3100		0	2	488 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	19,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,4700		0	6	755 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	125 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	19 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	20,0000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1500		0	1	194 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	93 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	67 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	42 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	233 31-12-2018
O	ACC	Accell Group NV - Stnd Option	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1700		3	0	4 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9200		4	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700		3	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	26	31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	3	31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	0	0 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	13	31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400		1	0	16 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	224	31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800		1	0	23 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	67 31-12-2018
O	ACC	Accell Group NV - Stnd Option	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1		

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ADQ	Adidas - Stock Option	20-9-2019	225,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6200	5	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	225,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,2200	50	0	3	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600	4	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,5800	55	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	63,4800	63	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	260,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-9-2019	260,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	82,0900	82	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	82,4100	82	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	63,0000	63	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500	2	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,7800	46	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5600	6	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	38,2700	38	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3700	8	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,3500	31	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6500	12	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3200	25	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7600	16	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5800	23	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0700	18	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9900	20	2	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5200	21	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8200	18	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,3900	23	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7000	16	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,3000	26	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9600	14	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,5800	30	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3300	12	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9700	33	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6900	10	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,3700	40	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6000	8	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,3100	48	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9400	6	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,6800	57	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	65,5000	66	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500	4	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,4600	74	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	121,8800	122	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	82,4600	82	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	63,6600	64	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,5000	48	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600	9	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,3800	40	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1800	12	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,7600	34	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8900	16	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8100	28	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,2200	20	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,7500	23	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,4100	25	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5400	19	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,3500	31	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8400	17	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,7800	35	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2400	15	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,2500	38	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5000	13	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6800	46	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2100	10	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,5000	54	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4700	8	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,8800	62	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500	7	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,3600	70	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6400	6	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,2300	79	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	0	31-12-2018
O	ADQ	Adidas - Stock Option	19-6-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	125,7900	126	0	0	31-12-2018
O	ADQ	Adidas - Stock Option														

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ADQ	Adidas - Stock Option	18-12-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9700		17	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,7300		29	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6100		22	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,7800		24	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8200		27	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4500		19	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,6200		33	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9200		16	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,2100		39	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8400		13	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,2100		46	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2300		10	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,6800		54	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3300		8	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,8400		62	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6800		7	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,2400		70	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600		5	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,0600		79	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-12-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	125,6200		126	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	64,0000		64	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700		6	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	48,5700		49	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2900		12	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,3800		35	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8800		20	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8900		30	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,7600		25	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,0500		25	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,2200		30	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,8000		21	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,1300		36	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2700		17	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,8400		43	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1900		14	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,9500		50	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6300		12	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,4900		57	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6400		10	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	65,6600		66	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0400		8	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,1100		74	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500		7	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	83,0300		83	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8200		3	0	31-12-2018
O	ADQ	Adidas - Stock Option	18-6-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	129,2700		129	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	64,6300		65	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8400		8	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	49,8900		50	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3500		14	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,1900		37	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,3300		22	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,8600		32	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2400		27	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,1200		27	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,7300		33	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,8700		23	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,5900		39	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4000		19	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,2800		45	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6900		14	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	59,7400		60	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	31-12-2018
O	ADQ	Adidas - Stock Option	17-12-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	130,3300		130	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	360,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	115,9600		116	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	360,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	96,6500		97	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	380,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600		2	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	390,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	87,1700		87	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	390,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,8300		78	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	410,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	68,4800		68	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	410,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	59,3300		59	0	31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	420,0000	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	ADY	Adyen (10) - Stock Option	18-1-2019	470,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5700		23	0	2 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	470,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6100		18	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	480,0000	C	EUR	14,0000	14,5000	14,0000	2	14,5000	17,4500		17	3	48 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	480,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5000		23	0	5 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	490,0000	C	EUR	13,0000	13,0000	13,0000	1	13,0000	13,0100		13	10	11 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	490,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,0500		28	0	30 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	500,0000	C	EUR	8,2000	10,0000	8,2000	3	8,2000	9,4100		9	7	22 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,4600		34	0	22 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	520,0000	C	EUR	4,5000	4,5000	4,5000	1	4,5000	4,2900		4	5	8 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	520,0000	P	EUR	52,5000	52,5000	52,1000	2	52,1000	49,3400		49	2	15 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	540,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500		2	0	51 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	540,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,0000		67	0	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	560,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	25 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,8700		86	0	20 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	580,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	105,3900		105	0	25 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	11 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	125,2000		125	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	620,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	11 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	620,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	145,1300		145	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	640,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	165,1000		165	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	205,0900		205	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	720,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	720,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	245,1000		245	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	760,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3 31-12-2018
O	ADY	Adyen (10) - Stock Option	18-1-2019	760,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	285,1000		285	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	340,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	138,1100		138	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	340,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	360,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	119,2200		119	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	360,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100		4	0	2 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	101,1100		101	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	380,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	84,3900		84	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5100		10	0	3 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	410,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	76,0300		76	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	410,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	11,1600		11	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	68,1300		68	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	420,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2700		13	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	430,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	61,1000		61	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	430,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2400		16	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	54,0200		54	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	440,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,1600		19	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,2600		47	0	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4100		22	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,4700		41	0	3 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	460,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,6300		27	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	470,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,1400		35	0	4 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	470,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,3000		30	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	480,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,5800		31	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	480,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,7600		36	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	490,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,0400		26	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	490,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,2100		41	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,4500		21	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	500,0000	P	EUR	48,0000	48,0000	48,0000	1	48,0000	46,6300		47	1	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	520,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8100		15	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	520,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	60,0100		60	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	560,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4700		6	0	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	91,6900		92	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	600,0000	C	EUR	1,6000	1,6000	1,6000	1	1,6000	2,7200		3	5	5 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	127,9500		128	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	640,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	2 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-2-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	166,3000		166	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	226,0100		226	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	2 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	179,7400		180	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8500		5	0	5 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	340,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	143,4300		143	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	340,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5700		9	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	135,3700		135	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5200		11	0	52 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	360,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	126,8600		127	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	360,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0200		12	0	0 31-12-2018
O	AD															

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ADY	Adyen (10) - Stock Option	15-3-2019	440,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,2300		33	0	15 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	62,0600		62	0	24 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,2900		37	0	11 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	56,4200		56	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	460,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,6700		42	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	470,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8900		51	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	470,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,1400		46	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	480,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,5700		46	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	480,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8300		51	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,2300		36	0	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,5100		62	0	314 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	520,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,8300		29	0	3 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	520,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,1200		74	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,2000		20	0	40 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	95,5200		96	0	18 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8100		11	0	14 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	136,1600		136	0	22 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1100		6	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	181,5000		182	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600		3	0	6 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	228,5800		229	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	6 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	277,0800		277	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	2 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	326,3000		326	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	8 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	425,7400		426	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	1000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	6 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	1000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	525,6600		526	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	1100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	32 31-12-2018
O	ADY	Adyen (10) - Stock Option	15-3-2019	1100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	625,7000		626	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	231,0200		231	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2800		6	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	187,0900		187	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4400		12	0	17 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	147,1000		147	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5400		23	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	112,0700		112	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,6000		38	0	26 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	99,7300		100	0	5 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	420,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,3000		45	0	60 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	88,2400		88	0	60 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	440,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,8400		54	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	82,1500		82	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,7700		58	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,6500		78	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	460,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	63,2900		63	0	4 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	480,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	67,8400		68	0	4 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	480,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	73,5100		74	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	59,3300		59	0	12 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,0300		85	0	29 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,0400		41	0	8 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	116,8300		117	0	12 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,0200		28	0	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	600,0000	P	EUR	156,0000	156,0000	156,0000	1	156,0000	153,9000		154	15	18 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	650,0000	C	EUR	18,0000	18,0000	18,0000	1	18,0000	18,6500		19	1	10 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	194,6100		195	0	50 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9200		12	0	38 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	237,9500		238	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1000		8	0	1 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	284,2100		284	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400		6	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	332,5400		333	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	5 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	429,7200		430	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	1000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	17 31-12-2018
O	ADY	Adyen (10) - Stock Option	21-6-2019	1000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	528,2500		528	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	237,0100		237	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4300		12	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	195,8500		196	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,4000		21	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	159,4200		159	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,0900		35	0	0 31-12-2018
O	ADY	Adyen (10) - Stock Option	20-9-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	127,5200		128		

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date		
O	ADY	Adyen (10) - Stock Option	20-9-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,5200		46	0	31-12-2018		
O	ADY	Adyen (10) - Stock Option	20-9-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	171,7900		172	0	31-12-2018		
O	ADY	Adyen (10) - Stock Option	20-9-2019	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3300		25	0	31-12-2018		
O	ADY	Adyen (10) - Stock Option	20-9-2019	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	251,8400		252	0	31-12-2018		
O	ADY	Adyen (10) - Stock Option	20-9-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5800		15	0	31-12-2018		
O	ADY	Adyen (10) - Stock Option	20-9-2019	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	341,3200		341	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0782		4	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0770		4	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0763		4	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9727		4	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8500		4	0	31-12-2018		
F	AE6	Aegon NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8478		4	0	31-12-2018		
F	AE8	Aegon NV - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2875		0	0	31-12-2018		
F	AE8	Aegon NV - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2950		0	0	31-12-2018		
F	AE8	Aegon NV - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3025		0	0	31-12-2018		
F	AE8	Aegon NV - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3025		0	0	31-12-2018		
F	AE8	Aegon NV - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3025		0	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800		3	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	6	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	25	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	138	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	2	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	188	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800		1	0	6	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	8,6000	P	EUR	0,1000	0,1000	0,1000	-	1	0,1000	0,1100		0	2	36	31-12-2018
O	AFA	Air France-KLM	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	12	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	31	31-12-2018		
O	AFA	Air France-KLM	18-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	19	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	9,0000	P	EUR	0,1900	0,1900	0,1900	-	1	0,1900	0,1900		0	10	60	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,2000	C	EUR	0,6000	0,6000	0,6000	-	1	0,6000	0,5300		1	40	277	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,2000	P	EUR	0,2500	0,2500	0,2500	-	2	0,2500	0,2500		0	80	90	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,4000	C	EUR	0,4500	0,4800	0,4500	-	3	0,4800	0,4200		0	11	84	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	85	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	9,6000	C	EUR	0,3400	0,3700	0,3400	-	3	0,3700	0,3200		0	11	148	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,6000	P	EUR	0,4200	0,4200	0,4200	-	3	0,4200	0,4400		0	120	169	31-12-2018
O	AFA	Air France-KLM	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	140	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	10	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	10,0000	C	EUR	0,1900	0,1900	0,1700	-	5	0,1900	0,1600		0	49	461	31-12-2018
O	AFA	Air France-KLM	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	65	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	68	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	15	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	108	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	2	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	15	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5300		3	0	5	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200		4	0	7	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018	
O	AFA	Air France-KLM	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5200		5	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	40	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	1	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	101	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	5	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	8,8000	P	EUR	0,3100	0,3100	0,3100	-	1	0,3100	0,3300		0	1	9	31-12-2018
O	AFA	Air France-KLM	15-2-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800		1	0	5	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	27	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	12	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	0	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	27	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	27	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	40	31-12-2018	
O	AFA	Air France-KLM	15-2-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	1	31-12-2018	

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	AFA	Air France-KLM	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	AFA	Air France-KLM	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	1	31-12-2018
O	AFA	Air France-KLM	15-3-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5000	6	0	2	31-12-2018
O	AFA	Air France-KLM	15-3-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	5	31-12-2018
O	AFA	Air France-KLM	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0000	5	0	1	31-12-2018
O	AFA	Air France-KLM	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	1	31-12-2018
O	AFA	Air France-KLM	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100	5	0	74	31-12-2018
O	AFA	Air France-KLM	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	1	31-12-2018
O	AFA	Air France-KLM	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400	4	0	386	31-12-2018
O	AFA	Air France-KLM	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	180	31-12-2018
O	AFA	Air France-KLM	15-3-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	32	31-12-2018
O	AFA	Air France-KLM	15-3-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	186	31-12-2018
O	AFA	Air France-KLM	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	227	31-12-2018
O	AFA	Air France-KLM	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	236	31-12-2018
O	AFA	Air France-KLM	15-3-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600	2	0	129	31-12-2018
O	AFA	Air France-KLM	15-3-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	282	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	222	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	241	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	127	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	504	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	289	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,0000	P	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5800	1	40	736	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	3	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	16	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	230	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	786	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	4	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,6000	P	EUR	0,8500	0,8500	0,8500	2	0,8500	0,8700	1	2	3	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
O	AFA	Air France-KLM	15-3-2019	10,0000	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5700	1	10	826	31-12-2018
O	AFA	Air France-KLM	15-3-2019	10,0000	P	EUR	1,0500	1,0500	1,0500	2	1,0500	1,1000	1	50	315	31-12-2018
O	AFA	Air France-KLM	15-3-2019	11,0000	C	EUR	0,2700	0,2900	0,2700	2	0,2900	0,2800	0	247	3	31-12-2018
O	AFA	Air France-KLM	15-3-2019	11,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	36	31-12-2018
O	AFA	Air France-KLM	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	363	31-12-2018
O	AFA	Air France-KLM	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700	3	0	42	31-12-2018
O	AFA	Air France-KLM	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	101	31-12-2018
O	AFA	Air France-KLM	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600	5	0	26	31-12-2018
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	31-12-2018
O	AFA	Air France-KLM	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400	7	0	110	31-12-2018
O	AFA	Air France-KLM	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0000	5	0	20	31-12-2018
O	AFA	Air France-KLM	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AFA	Air France-KLM	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300	5	0	3	31-12-2018
O	AFA	Air France-KLM	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	31	31-12-2018
O	AFA	Air France-KLM	21-6-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000	4	0	105	31-12-2018
O	AFA	Air France-KLM	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	73	31-12-2018
O	AFA	Air France-KLM	21-6-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1400	3	0	3	31-12-2018
O	AFA	Air France-KLM	21-6-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	100	31-12-2018
O	AFA	Air France-KLM	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100	3	0	221	31-12-2018
O	AFA	Air France-KLM	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	152	31-12-2018
O	AFA	Air France-KLM	21-6-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	69	31-12-2018
O	AFA	Air France-KLM	21-6-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	79	31-12-2018
O	AFA	Air France-KLM	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	418	31-12-2018
O	AFA	Air France-KLM	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	165	31-12-2018
O	AFA	Air France-KLM	21-6-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100	2	0	59	31-12-2018
O	AFA	Air France-KLM	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	69	31-12-2018
O	AFA	Air France-KLM	21-6-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	201	31-12-2018
O	AFA	Air France-KLM	21-6-2019	9,0000	P	EUR	0,8500	0,8500	0,8500	1	0,8500	0,8300	1	1	327	31-12-2018
O	AFA	Air France-KLM	21-6-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	108	31-12-2018
O	AFA	Air France-KLM	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	293	31-12-2018
O	AFA	Air France-KLM	21-6-2019	10,0000	C	EUR	0,8000	0,8000	0,8000	1	0,8000	0,8200	1	2	401	31-12-2018
O	AFA	Air France-KLM	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700	1	0	781	31-12-2018
O	AFA	Air France-KLM	21-6-2019	11,0000	C	EUR	0,5000	0,5000	0,5000	1	0,5000	0,5100	1	9	65	31-12-2018
O	AFA	Air France-KLM	21-6-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500	2	0	70	31-12-2018
O	AFA	Air France-KLM	21-6-2019	12,0000	C	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2900	0	2	831	31-12-2018
O	AFA	Air France-KLM	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	255	31-12-2018
O	AFA	Air France-KLM	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	330	31-12-2018
O	AFA	Air France-KLM	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700	5	0	178	31-12-2018
O	AFA	Air France-KLM	21-6-2019	15,0000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0700	0	1	176	31-12-2018
O	AFA	Air France-KLM	21-6-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6300	6	0	284	31-12-2018
O	AFA	Air France-KLM	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	99	31-12-2018
O	AFA	Air France-KLM	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6100	7	0	181	31-12-2018
O	AFA	Air France-KLM	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	138	31-12-2018
O	AFA	Air France-KLM	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5700	11	0	796	31-12-2018
O	AFA	Air France-KLM	20-9													

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AFA	Air France-KLM	20-9-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	2	31-12-2018
O	AFA	Air France-KLM	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500	2	0	4	31-12-2018
O	AFA	Air France-KLM	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	11	31-12-2018
O	AFA	Air France-KLM	20-9-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	21	31-12-2018
O	AFA	Air France-KLM	20-9-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	8	31-12-2018
O	AFA	Air France-KLM	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	15	31-12-2018
O	AFA	Air France-KLM	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	1	31-12-2018
O	AFA	Air France-KLM	20-9-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	66	31-12-2018
O	AFA	Air France-KLM	20-9-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	0	31-12-2018
O	AFA	Air France-KLM	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	16	31-12-2018
O	AFA	Air France-KLM	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	4	31-12-2018
O	AFA	Air France-KLM	20-9-2019	11,0000	C	EUR	0,6500	0,6500	0,6500	3	0,6500	0,6500	1	3	24	31-12-2018
O	AFA	Air France-KLM	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	0	31-12-2018
O	AFA	Air France-KLM	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	27	31-12-2018
O	AFA	Air France-KLM	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900	3	0	4	31-12-2018
O	AFA	Air France-KLM	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	10	31-12-2018
O	AFA	Air France-KLM	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500	5	0	0	31-12-2018
O	AFA	Air France-KLM	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	AFA	Air France-KLM	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700	7	0	2	31-12-2018
O	AFA	Air France-KLM	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5700	5	0	56	31-12-2018
O	AFA	Air France-KLM	20-12-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	185	31-12-2018
O	AFA	Air France-KLM	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6800	4	0	579	31-12-2018
O	AFA	Air France-KLM	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	237	31-12-2018
O	AFA	Air France-KLM	20-12-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600	3	0	560	31-12-2018
O	AFA	Air France-KLM	20-12-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	261	31-12-2018
O	AFA	Air France-KLM	20-12-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1700	2	0	709	31-12-2018
O	AFA	Air France-KLM	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	235	31-12-2018
O	AFA	Air France-KLM	20-12-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	0	31-12-2018
O	AFA	Air France-KLM	20-12-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
O	AFA	Air France-KLM	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	332	31-12-2018
O	AFA	Air France-KLM	20-12-2019	9,0000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1300	1	1	101	31-12-2018
O	AFA	Air France-KLM	20-12-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	0	31-12-2018
O	AFA	Air France-KLM	20-12-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	0	31-12-2018
O	AFA	Air France-KLM	20-12-2019	10,0000	C	EUR	1,1000	1,1500	1,1000	2	1,1500	1,1100	1	11	589	31-12-2018
O	AFA	Air France-KLM	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800	2	0	468	31-12-2018
O	AFA	Air France-KLM	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	984	31-12-2018
O	AFA	Air France-KLM	20-12-2019	12,0000	P	EUR	3,1000	3,1000	3,1000	1	3,1000	3,1200	3	1	287	31-12-2018
O	AFA	Air France-KLM	20-12-2019	14,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2500	0	1	141	31-12-2018
O	AFA	Air France-KLM	20-12-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400	5	0	101	31-12-2018
O	AFA	Air France-KLM	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	156	31-12-2018
O	AFA	Air France-KLM	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7300	7	0	87	31-12-2018
O	AFA	Air France-KLM	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	1022	31-12-2018
O	AFA	Air France-KLM	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6500	11	0	379	31-12-2018
O	AFA	Air France-KLM	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6400	5	0	21	31-12-2018
O	AFA	Air France-KLM	19-6-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	65	31-12-2018
O	AFA	Air France-KLM	19-6-2020	6,0000	C	EUR	3,8000	3,8000	3,8000	1	3,8000	3,7900	4	1	35	31-12-2018
O	AFA	Air France-KLM	19-6-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	33	31-12-2018
O	AFA	Air France-KLM	19-6-2020	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300	3	0	58	31-12-2018
O	AFA	Air France-KLM	19-6-2020	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	81	31-12-2018
O	AFA	Air France-KLM	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500	2	0	96	31-12-2018
O	AFA	Air France-KLM	19-6-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	54	31-12-2018
O	AFA	Air France-KLM	19-6-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	505	31-12-2018
O	AFA	Air France-KLM	19-6-2020	9,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,4000	1	1	78	31-12-2018
O	AFA	Air France-KLM	19-6-2020	10,0000	C	EUR	1,4000	1,4000	1,4000	1	1,4000	1,3700	1	25	195	31-12-2018
O	AFA	Air France-KLM	19-6-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	109	31-12-2018
O	AFA	Air France-KLM	19-6-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	81	31-12-2018
O	AFA	Air France-KLM	19-6-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600	3	0	33	31-12-2018
O	AFA	Air France-KLM	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	166	31-12-2018
O	AFA	Air France-KLM	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9200	6	0	16	31-12-2018
O	AFA	Air France-KLM	18-12-2020	6,0000	C	EUR	3,9500	3,9500	3,9500	1	3,9500	3,8800	4	1	5	31-12-2018
O	AFA	Air France-KLM	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	5	31-12-2018
O	AFA	Air France-KLM	18-12-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000	2	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	5	31-12-2018
O	AFA	Air France-KLM	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400	4	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	0	31-12-2018
O	AFA	Air France-KLM	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1000	6	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3000	7	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3100	5	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900	3	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	100	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800	2	0	0	31-12-2018
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	AGA	ageas NV/SA	18-1-2019	41,0000	C	EUR	0,1800	0,1800	0,1800	1	0,1800	0,2200	0	7	12	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	13	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	11	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	42,0000	P	EUR	3,1000	3,1000	3,1000	1	3,1000	2,7900	3	1	22	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	10	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7400	4	0	10	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	9	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	3	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	3	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7100	6	0	5	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	13	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7100	7	0	50	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	19	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100	8	0	10	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	4	31-12-2018	
O	AGA	ageas NV/SA	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7100	9	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7100	11	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7100	13	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3200	7	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4000	5	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	60	31-12-2018	
O	AGA	ageas NV/SA	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000	4	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	3	31-12-2018	
O	AGA	ageas NV/SA	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	2	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	38,0000	P	EUR	0,8500	0,8500	0,8500	4	0,8500	0,7700	1	40	42	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	1	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600	1	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	13	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	41,0000	C	EUR	0,5000	0,5000	0,5000	1	0,5000	0,5900	1	1	5	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	1	1	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	42,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	10	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	10	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400	5	0	12	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7900	6	0	2	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	1	1	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7700	7	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7400	9	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7300	11	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-2-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7300	13	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3100	11	0	3	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3400	9	0	20	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4100	7	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5500	6	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6600	5	0	3	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	10	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	2	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	44	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900	2	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200	1	0	51	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400	2	0	27	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	22	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	87	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	44,0000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2500	0	6	726	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800	5	0	677	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	188	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500	7	0	31	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	AGA	ageas NV/SA	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7400	21	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,7500	31	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3100	14	0	10	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	43	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3400	11	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	15	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	36	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	39	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	833	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900	4	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7300	2	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	10	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300	3	0	13	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	485	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000	4	0	137	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	122	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2700	5	0	141	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	47	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9300	7	0	35	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	155	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8100	8	0	504	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	501	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7300	9	0	40	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	20	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6300	11	0	2	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	60	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5900	13	0	12	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5500	18	0	10	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5500	23	0	15	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,5600	33	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3300	11	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	31	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9900	5	0	10	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	35,0000	P	EUR	1,8500	1,8500	1,8500	1	1,8500	1,7300	2	10	20	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2200	4	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900	2	0	10	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9600	3	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600	2	0	40	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	7	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	1	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6400	6	0	13	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2200	7	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	1	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600	9	0	9	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7900	11	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6900	13	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6000	18	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5900	23	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGA	ageas NV/SA	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,6100	33	0	10	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3400	11	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	3	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4200	9	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	220	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1100	5	0	63	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	84	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900	4	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600	3	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4300	3	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900	2	0	100	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000	5	0	113	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	42,0000	C	EUR	1,3500	1,3500	1,3500	1	1,3500	1,4700	1	20	20	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9700	6	0	0	31-12-2018
O	AGA	ageas NV/SA	20-12-2019	45,0000	C	EUR	0,0000									

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AGA	ageas NV/SA	19-6-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4500		9	0	1 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	74 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400		5	0	27 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	46 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	181 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2300		6	0	49 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	84 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900		10	0	19 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	199 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	50,0000	P	EUR	14,7800	14,7800	14,7700	2	14,7700	14,5400		15	20	110 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	11 31-12-2018
O	AGA	ageas NV/SA	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2600		24	0	30 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4800		9	0	0 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	30,0000	P	EUR	2,0300	2,0300	2,0200	2	2,0200	1,9400		2	20	61 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5500		6	0	0 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	4 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9200		3	0	3 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7900		7	0	1 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	0 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	0 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	2 31-12-2018
O	AGA	ageas NV/SA	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8000		15	0	2 31-12-2018
O	AGN	AEGON	18-1-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	2	0 31-12-2018
O	AGN	AEGON	18-1-2019	3,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	3,7000	P	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0300		0	1	1 31-12-2018
O	AGN	AEGON	18-1-2019	3,8000	C	EUR	0,3200	0,3200	0,3200	2	0,3200	0,3200		0	15	133 31-12-2018
O	AGN	AEGON	18-1-2019	3,8000	P	EUR	0,0500	0,0500	0,0400	2	0,0400	0,0400		0	2	39 31-12-2018
O	AGN	AEGON	18-1-2019	3,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	30 31-12-2018
O	AGN	AEGON	18-1-2019	3,9000	P	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0600		0	1	590 31-12-2018
O	AGN	AEGON	18-1-2019	4,0000	C	EUR	0,1700	0,1700	0,1700	4	0,1700	0,1700		0	20	933 31-12-2018
O	AGN	AEGON	18-1-2019	4,0000	P	EUR	0,1000	0,1000	0,0900	5	0,0900	0,0900		0	105	1984 31-12-2018
O	AGN	AEGON	18-1-2019	4,1000	C	EUR	0,1000	0,1100	0,1000	7	0,1100	0,1100		0	54	342 31-12-2018
O	AGN	AEGON	18-1-2019	4,1000	P	EUR	0,1300	0,1600	0,1300	2	0,1600	0,1400		0	6	163 31-12-2018
O	AGN	AEGON	18-1-2019	4,2000	C	EUR	0,0700	0,0700	0,0600	6	0,0600	0,0700		0	21	5549 31-12-2018
O	AGN	AEGON	18-1-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	213 31-12-2018
O	AGN	AEGON	18-1-2019	4,3000	C	EUR	0,0500	0,0500	0,0400	3	0,0400	0,0400		0	33	367 31-12-2018
O	AGN	AEGON	18-1-2019	4,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	92 31-12-2018
O	AGN	AEGON	18-1-2019	4,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	162 31-12-2018
O	AGN	AEGON	18-1-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	942 31-12-2018
O	AGN	AEGON	18-1-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	463 31-12-2018
O	AGN	AEGON	18-1-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	553 31-12-2018
O	AGN	AEGON	18-1-2019	4,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	431 31-12-2018
O	AGN	AEGON	18-1-2019	4,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	1412 31-12-2018
O	AGN	AEGON	18-1-2019	4,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	37 31-12-2018
O	AGN	AEGON	18-1-2019	4,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	5 31-12-2018
O	AGN	AEGON	18-1-2019	4,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	776 31-12-2018
O	AGN	AEGON	18-1-2019	4,8000	P	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7200		1	10	1176 31-12-2018
O	AGN	AEGON	18-1-2019	4,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	35 31-12-2018
O	AGN	AEGON	18-1-2019	4,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	601 31-12-2018
O	AGN	AEGON	18-1-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	252 31-12-2018
O	AGN	AEGON	18-1-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	585 31-12-2018
O	AGN	AEGON	18-1-2019	5,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1031 31-12-2018
O	AGN	AEGON	18-1-2019	5,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	534 31-12-2018
O	AGN	AEGON	18-1-2019	5,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	371 31-12-2018
O	AGN	AEGON	18-1-2019	5,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	590 31-12-2018
O	AGN	AEGON	18-1-2019	5,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	778 31-12-2018
O	AGN	AEGON	18-1-2019	5,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	441 31-12-2018
O	AGN	AEGON	18-1-2019	5,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	15 31-12-2018
O	AGN	AEGON	18-1-2019	5,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200		2	0	335 31-12-2018
O	AGN	AEGON	18-1-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	324 31-12-2018
O	AGN	AEGON	18-1-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	13 31-12-2018
O	AGN	AEGON	18-1-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200		2	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AGN	AEGON	18-1-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200		3	0	75 31-12-2018
O	AGN	AEGON	15-2-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100		1	0	0 31-12-2018
O	AGN	AEGON	15-2-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	AGN	AEGON	15-2-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	0 31-12-2018
O	AGN	AEGON	15-2-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1 31-12-2018
O	AGN	AEGON	15-2-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	25 31-12-2018
O	AGN	AEGON	15-2-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	1755 31-12-2018
O	AGN	AEGON	15-2-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	57 31-12-2018
O	AGN	AEGON	15-2-2019	3,8000	P	EUR	0,1100	0,1100	0,1100	1	0,1100	0,1100		0	2	2025 31-12-2018
O	AGN	AEGON	15-2-2019	3,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	0 31-12-2018
O	AGN	AEGON	15-2-2019	3,9000	P	EUR	0,1300	0,1400	0,1300	2	0,1400	0,1400		0	2	427 31-12-2018
O	AGN	AEGON	15-2-2019	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	AGN	AEGON	15-2-2019	4,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	169	31-12-2018
O	AGN	AEGON	15-2-2019	4,4000	C	EUR	0,0900	0,0900	0,0700	5	0,0700	0,0800	0	19	238	31-12-2018
O	AGN	AEGON	15-2-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	144	31-12-2018
O	AGN	AEGON	15-2-2019	4,5000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0600	0	1	344	31-12-2018
O	AGN	AEGON	15-2-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	12	31-12-2018
O	AGN	AEGON	15-2-2019	4,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	740	31-12-2018
O	AGN	AEGON	15-2-2019	4,6000	P	EUR	0,5700	0,5700	0,5700	1	0,5700	0,5700	1	5	255	31-12-2018
O	AGN	AEGON	15-2-2019	4,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	795	31-12-2018
O	AGN	AEGON	15-2-2019	4,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	2	31-12-2018
O	AGN	AEGON	15-2-2019	4,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	141	31-12-2018
O	AGN	AEGON	15-2-2019	4,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	271	31-12-2018
O	AGN	AEGON	15-2-2019	4,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	121	31-12-2018
O	AGN	AEGON	15-2-2019	4,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	35	31-12-2018
O	AGN	AEGON	15-2-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	239	31-12-2018
O	AGN	AEGON	15-2-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	167	31-12-2018
O	AGN	AEGON	15-2-2019	5,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	377	31-12-2018
O	AGN	AEGON	15-2-2019	5,2000	P	EUR	1,1600	1,1600	1,1600	1	1,1600	1,1300	1	2	530	31-12-2018
O	AGN	AEGON	15-2-2019	5,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	170	31-12-2018
O	AGN	AEGON	15-2-2019	5,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300	1	0	140	31-12-2018
O	AGN	AEGON	15-2-2019	5,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	314	31-12-2018
O	AGN	AEGON	15-2-2019	5,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	102	31-12-2018
O	AGN	AEGON	15-2-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	14	31-12-2018
O	AGN	AEGON	15-2-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	90	31-12-2018
O	AGN	AEGON	15-2-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4	31-12-2018
O	AGN	AEGON	15-2-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	100	31-12-2018
O	AGN	AEGON	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGN	AEGON	15-2-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200	3	0	75	31-12-2018
O	AGN	AEGON	15-3-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,2000	P	EUR	0,0400	0,0400	0,0400	1	0,0400	0,0400	0	1	1	31-12-2018
O	AGN	AEGON	15-3-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	382	31-12-2018
O	AGN	AEGON	15-3-2019	3,5000	P	EUR	0,0800	0,0800	0,0800	2	0,0800	0,0700	0	20	647	31-12-2018
O	AGN	AEGON	15-3-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	175	31-12-2018
O	AGN	AEGON	15-3-2019	3,6000	P	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0900	0	5	365	31-12-2018
O	AGN	AEGON	15-3-2019	3,8000	C	EUR	0,4200	0,4200	0,4200	1	0,4200	0,4200	0	8	8	31-12-2018
O	AGN	AEGON	15-3-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	267	31-12-2018
O	AGN	AEGON	15-3-2019	3,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	20	31-12-2018
O	AGN	AEGON	15-3-2019	3,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	1023	31-12-2018
O	AGN	AEGON	15-3-2019	4,0000	C	EUR	0,2900	0,2900	0,2900	1	0,2900	0,3000	0	5	3170	31-12-2018
O	AGN	AEGON	15-3-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	2650	31-12-2018
O	AGN	AEGON	15-3-2019	4,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	5	31-12-2018
O	AGN	AEGON	15-3-2019	4,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	4,2000	C	EUR	0,1900	0,1900	0,1900	2	0,1900	0,1900	0	3	548	31-12-2018
O	AGN	AEGON	15-3-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	311	31-12-2018
O	AGN	AEGON	15-3-2019	4,4000	C	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1200	0	5	681	31-12-2018
O	AGN	AEGON	15-3-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	622	31-12-2018
O	AGN	AEGON	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	3210	31-12-2018
O	AGN	AEGON	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	4490	31-12-2018
O	AGN	AEGON	15-3-2019	4,6000	C	EUR	0,0700	0,0700	0,0700	2	0,0700	0,0800	0	2	2014	31-12-2018
O	AGN	AEGON	15-3-2019	4,6000	P	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6000	1	5	942	31-12-2018
O	AGN	AEGON	15-3-2019	4,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	2938	31-12-2018
O	AGN	AEGON	15-3-2019	4,8000	P	EUR	0,7900	0,7900	0,7900	1	0,7900	0,7700	1	1	2407	31-12-2018
O	AGN	AEGON	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	10082	31-12-2018
O	AGN	AEGON	15-3-2019	5,0000	P	EUR	0,9800	0,9800	0,9800	1	0,9800	0,9600	1	3	13205	31-12-2018
O	AGN	AEGON	15-3-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	5389	31-12-2018
O	AGN	AEGON	15-3-2019	5,5000	P	EUR	1,4800	1,4800	1,4800	1	1,4800	1,4300	1	25	6109	31-12-2018
O	AGN	AEGON	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4672	31-12-2018
O	AGN	AEGON	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	4244	31-12-2018
O	AGN	AEGON	15-3-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2817	31-12-2018
O	AGN	AEGON	15-3-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300	2	0	930	31-12-2018
O	AGN	AEGON	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	565	31-12-2018
O	AGN	AEGON	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	1834	31-12-2018
O	AGN	AEGON	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	320	31-12-2018
O	AGN	AEGON	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	166	31-12-2018
O	AGN	AEGON	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGN	AEGON	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	85	31-12-2018
O	AGN	AEGON	21-6-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	18	31-12-2018
O	AGN	AEGON	21-6-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	256	31-12-2018
O	AGN	AEGON	21-6-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300	1	0	821	31-12-2018
O	AGN	AEGON	21-6-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	879	31-12-2018
O	AGN	AEGON	21-6-2019	3,5000	C	EUR	0,7000	0,7000	0,7000	1	0,7000	0,7200	1	10	999	31-12-2018
O	AGN	AEGON	21-6-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	5924	31-12-2018
O	AGN	AEGON	21-6-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	84	31-12-2018
O	AGN	AEGON	21-6-2019	3,8000	P	EUR	0,3000	0,3000	0,3000							

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	21-6-2019	4,5000	C	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1800	0	5	2697	31-12-2018
O	AGN	AEGON	21-6-2019	4,5000	P	EUR	0,7200	0,7200	0,7200	2	0,7200	0,7100	1	100	3735	31-12-2018
O	AGN	AEGON	21-6-2019	4,6000	C	EUR	0,1500	0,1600	0,1400	6	0,1400	0,1500	0	97	504	31-12-2018
O	AGN	AEGON	21-6-2019	4,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	694	31-12-2018
O	AGN	AEGON	21-6-2019	4,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1125	31-12-2018
O	AGN	AEGON	21-6-2019	4,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	4087	31-12-2018
O	AGN	AEGON	21-6-2019	5,0000	C	EUR	0,0800	0,0800	0,0800	4	0,0800	0,0800	0	14	6574	31-12-2018
O	AGN	AEGON	21-6-2019	5,0000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1300	1	1	6420	31-12-2018
O	AGN	AEGON	21-6-2019	5,5000	C	EUR	0,0300	0,0400	0,0300	3	0,0400	0,0300	0	3	7492	31-12-2018
O	AGN	AEGON	21-6-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	3643	31-12-2018
O	AGN	AEGON	21-6-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	6266	31-12-2018
O	AGN	AEGON	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700	2	0	8337	31-12-2018
O	AGN	AEGON	21-6-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1113	31-12-2018
O	AGN	AEGON	21-6-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600	3	0	121	31-12-2018
O	AGN	AEGON	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	940	31-12-2018
O	AGN	AEGON	21-6-2019	7,0000	P	EUR	3,0900	3,0900	3,0900	1	3,0900	3,0600	3	4	828	31-12-2018
O	AGN	AEGON	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2335	31-12-2018
O	AGN	AEGON	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400	4	0	797	31-12-2018
O	AGN	AEGON	21-6-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGN	AEGON	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400	5	0	20	31-12-2018
O	AGN	AEGON	20-9-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	0	31-12-2018
O	AGN	AEGON	20-9-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	318	31-12-2018
O	AGN	AEGON	20-9-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400	1	0	24	31-12-2018
O	AGN	AEGON	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	834	31-12-2018
O	AGN	AEGON	20-9-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	2456	31-12-2018
O	AGN	AEGON	20-9-2019	3,5000	P	EUR	0,3000	0,3000	0,3000	2	0,3000	0,3000	0	100	1662	31-12-2018
O	AGN	AEGON	20-9-2019	3,8000	C	EUR	0,5300	0,5300	0,5300	1	0,5300	0,5400	1	100	311	31-12-2018
O	AGN	AEGON	20-9-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	438	31-12-2018
O	AGN	AEGON	20-9-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	726	31-12-2018
O	AGN	AEGON	20-9-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	1485	31-12-2018
O	AGN	AEGON	20-9-2019	4,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	417	31-12-2018
O	AGN	AEGON	20-9-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	985	31-12-2018
O	AGN	AEGON	20-9-2019	4,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	1054	31-12-2018
O	AGN	AEGON	20-9-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	1628	31-12-2018
O	AGN	AEGON	20-9-2019	4,5000	C	EUR	0,2100	0,2100	0,2100	2	0,2100	0,2200	0	159	1083	31-12-2018
O	AGN	AEGON	20-9-2019	4,5000	P	EUR	0,8900	0,8900	0,8900	1	0,8900	0,8700	1	38	5287	31-12-2018
O	AGN	AEGON	20-9-2019	4,6000	C	EUR	0,1900	0,1900	0,1900	1	0,1900	0,1900	0	10	1061	31-12-2018
O	AGN	AEGON	20-9-2019	4,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	287	31-12-2018
O	AGN	AEGON	20-9-2019	4,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	350	31-12-2018
O	AGN	AEGON	20-9-2019	4,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	1804	31-12-2018
O	AGN	AEGON	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	2773	31-12-2018
O	AGN	AEGON	20-9-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	2795	31-12-2018
O	AGN	AEGON	20-9-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1649	31-12-2018
O	AGN	AEGON	20-9-2019	5,5000	P	EUR	1,7500	1,7500	1,7500	1	1,7500	1,7400	2	1	1534	31-12-2018
O	AGN	AEGON	20-9-2019	6,0000	C	EUR	0,0300	0,0400	0,0300	2	0,0400	0,0300	0	4	1356	31-12-2018
O	AGN	AEGON	20-9-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200	2	0	514	31-12-2018
O	AGN	AEGON	20-9-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	702	31-12-2018
O	AGN	AEGON	20-9-2019	6,5000	P	EUR	2,7100	2,7100	2,7100	1	2,7100	2,7000	3	4	72	31-12-2018
O	AGN	AEGON	20-9-2019	7,0000	C	EUR	0,0200	0,0200	0,0100	2	0,0100	0,0100	0	4	345	31-12-2018
O	AGN	AEGON	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000	3	0	1422	31-12-2018
O	AGN	AEGON	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	81	31-12-2018
O	AGN	AEGON	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2000	4	0	13	31-12-2018
O	AGN	AEGON	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AGN	AEGON	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000	5	0	637	31-12-2018
O	AGN	AEGON	20-12-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	2	31-12-2018
O	AGN	AEGON	20-12-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	397	31-12-2018
O	AGN	AEGON	20-12-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	53	31-12-2018
O	AGN	AEGON	20-12-2019	2,0000	P	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0400	0	1	1329	31-12-2018
O	AGN	AEGON	20-12-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200	2	0	0	31-12-2018
O	AGN	AEGON	20-12-2019	2,5000	P	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0900	0	1	11	31-12-2018
O	AGN	AEGON	20-12-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	1558	31-12-2018
O	AGN	AEGON	20-12-2019	3,0000	P	EUR	0,1900	0,1900	0,1900	1	0,1900	0,1800	0	10	6045	31-12-2018
O	AGN	AEGON	20-12-2019	3,5000	C	EUR	0,7400	0,7400	0,7400	1	0,7400	0,7600	1	15	783	31-12-2018
O	AGN	AEGON	20-12-2019	3,5000	P	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3500	0	4	5978	31-12-2018
O	AGN	AEGON	20-12-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	125	31-12-2018
O	AGN	AEGON	20-12-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	12	31-12-2018
O	AGN	AEGON	20-12-2019	4,0000	C	EUR	0,4600	0,4600	0,4500	6	0,4500	0,4600	0	28	6954	31-12-2018
O	AGN	AEGON	20-12-2019	4,0000	P	EUR	0,6100	0,6100	0,6100	1	0,6100	0,6000	1	1	12990	31-12-2018
O	AGN	AEGON	20-12-2019	4,2000	C	EUR	0,3600	0,3600	0,3600	2	0,3600	0,3700	0	29	156	31-12-2018
O	AGN	AEGON	20-12-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	1	31-12-2018
O	AGN	AEGON	20-12-2019	4,4000	C	EUR	0,2900	0,2900	0,2800	4	0,2800	0,3000	0	34	229	31-12-2018
O	AGN	AEGON	20-12-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	4	31-12-2018
O	AGN	AEGON	20-12-2019	4,5000	C	EUR	0,2600	0,2700	0,2600	2	0,2700	0,2700	0	13	7758	31-12-2018
O	AGN	AEGON	20-12-2019	4,5000	P	EUR	0,9300	0,9300	0,9300	1	0,9300	0,9300	1	2	9291	31-12-2018
O	AGN	AEGON	20-12-2019	5,0000	C	EUR	0,1500	0,1600	0,1500	6	0,1500	0,1600	0	28	26560	31-12-2018
O	AGN	AEGON	20-12-2019	5,0000	P	EUR	1,3500	1,3500	1,3500	2	1,3500	1,3300	1	19	16503	31-12-2018
O	AGN	AEGON	20-12-2019	6,0000	C	EUR	0,0600	0,0600	0,0600	3	0,0600	0,0600	0	40	24233	31-12-2018
O	AGN	AEGON	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	12149	31-12-2018</

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	AGN	AEGON	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2200		8	0	337 31-12-2018
O	AGN	AEGON	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2344 31-12-2018
O	AGN	AEGON	20-12-2019	15,0000	P	EUR	11,2500	11,2500	11,2000	2	11,2000	11,2300		11	7	1930 31-12-2018
O	AGN	AEGON	19-6-2020	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	0 31-12-2018
O	AGN	AEGON	19-6-2020	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	0 31-12-2018
O	AGN	AEGON	19-6-2020	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900		1	0	664 31-12-2018
O	AGN	AEGON	19-6-2020	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	1964 31-12-2018
O	AGN	AEGON	19-6-2020	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	45 31-12-2018
O	AGN	AEGON	19-6-2020	3,5000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4900		0	4	156 31-12-2018
O	AGN	AEGON	19-6-2020	4,0000	C	EUR	0,5400	0,5400	0,5400	1	0,5400	0,5500		1	2	250 31-12-2018
O	AGN	AEGON	19-6-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		0	0	140 31-12-2018
O	AGN	AEGON	19-6-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	1391 31-12-2018
O	AGN	AEGON	19-6-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		0	0	1300 31-12-2018
O	AGN	AEGON	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	543 31-12-2018
O	AGN	AEGON	19-6-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	813 31-12-2018
O	AGN	AEGON	19-6-2020	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	171 31-12-2018
O	AGN	AEGON	19-6-2020	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	523 31-12-2018
O	AGN	AEGON	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	508 31-12-2018
O	AGN	AEGON	19-6-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	32 31-12-2018
O	AGN	AEGON	19-6-2020	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	9 31-12-2018
O	AGN	AEGON	19-6-2020	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800		3	0	41 31-12-2018
O	AGN	AEGON	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	0 31-12-2018
O	AGN	AEGON	19-6-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600		4	0	99 31-12-2018
O	AGN	AEGON	18-12-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900		3	0	25 31-12-2018
O	AGN	AEGON	18-12-2020	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	54 31-12-2018
O	AGN	AEGON	18-12-2020	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	189 31-12-2018
O	AGN	AEGON	18-12-2020	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	720 31-12-2018
O	AGN	AEGON	18-12-2020	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200		2	0	0 31-12-2018
O	AGN	AEGON	18-12-2020	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	0 31-12-2018
O	AGN	AEGON	18-12-2020	3,0000	C	EUR	1,1800	1,1800	1,1800	1	1,1800	1,2000		1	20	1764 31-12-2018
O	AGN	AEGON	18-12-2020	3,0000	P	EUR	0,4000	0,4000	0,4000	4	0,4000	0,4000		0	7	3118 31-12-2018
O	AGN	AEGON	18-12-2020	3,5000	C	EUR	0,8700	0,8700	0,8700	1	0,8700	0,8500		1	2	1781 31-12-2018
O	AGN	AEGON	18-12-2020	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	1915 31-12-2018
O	AGN	AEGON	18-12-2020	4,0000	C	EUR	0,5900	0,5900	0,5700	3	0,5700	0,5900		1	11	6575 31-12-2018
O	AGN	AEGON	18-12-2020	4,0000	P	EUR	0,9300	0,9400	0,9300	2	0,9400	0,9200		1	8	15070 31-12-2018
O	AGN	AEGON	18-12-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	4507 31-12-2018
O	AGN	AEGON	18-12-2020	4,5000	P	EUR	1,2900	1,3200	1,2900	1	1,3200	1,2900		1	4934	4934 31-12-2018
O	AGN	AEGON	18-12-2020	5,0000	C	EUR	0,3100	0,3100	0,3100	1	0,3100	0,3000		0	30	14036 31-12-2018
O	AGN	AEGON	18-12-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	8966 31-12-2018
O	AGN	AEGON	18-12-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	11739 31-12-2018
O	AGN	AEGON	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800		3	0	3404 31-12-2018
O	AGN	AEGON	18-12-2020	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	2587 31-12-2018
O	AGN	AEGON	18-12-2020	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200		4	0	3216 31-12-2018
O	AGN	AEGON	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	4453 31-12-2018
O	AGN	AEGON	18-12-2020	8,0000	P	EUR	4,5200	4,5300	4,5200	3	4,5200	4,4800		4	6	2637 31-12-2018
O	AGN	AEGON	17-12-2021	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	175 31-12-2018
O	AGN	AEGON	17-12-2021	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	40 31-12-2018
O	AGN	AEGON	17-12-2021	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	0 31-12-2018
O	AGN	AEGON	17-12-2021	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	0 31-12-2018
O	AGN	AEGON	17-12-2021	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	1670 31-12-2018
O	AGN	AEGON	17-12-2021	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	4011 31-12-2018
O	AGN	AEGON	17-12-2021	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100		1	0	398 31-12-2018
O	AGN	AEGON	17-12-2021	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	617 31-12-2018
O	AGN	AEGON	17-12-2021	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	7119 31-12-2018
O	AGN	AEGON	17-12-2021	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	3312 31-12-2018
O	AGN	AEGON	17-12-2021	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	2053 31-12-2018
O	AGN	AEGON	17-12-2021	4,5000	P	EUR	1,6000	1,6000	1,5600	3	1,5600	1,5700		2	5	2239 31-12-2018
O	AGN	AEGON	17-12-2021	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	9533 31-12-2018
O	AGN	AEGON	17-12-2021	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	3729 31-12-2018
O	AGN	AEGON	17-12-2021	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	8251 31-12-2018
O	AGN	AEGON	17-12-2021	6,0000	P	EUR	2,8800	2,8800	2,8700	3	2,8700	2,8600		3	50	2220 31-12-2018
O	AGN	AEGON	17-12-2021	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	3592 31-12-2018
O	AGN	AEGON	17-12-2021	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000		4	0	832 31-12-2018
O	AGN	AEGON	17-12-2021	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	4833 31-12-2018
O	AGN	AEGON	17-12-2021	8,0000	P	EUR	4,8000	4,8000	4,8000	1	4,8000	4,7800		5	10	783 31-12-2018
O	AGN	AEGON	17-12-2021	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	5371 31-12-2018
O	AGN	AEGON	17-12-2021	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0	330 31-12-2018
O	AGN	AEGON	16-12-2022	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	114 31-12-2018
O	AGN	AEGON	16-12-2022	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	116 31-12-2018
O	AGN	AEGON	16-12-2022	2,5000	C	EUR	1,6300	1,6300	1,6300	1	1,6300	1,6500		2	10	60 31-12-2018
O	AGN	AEGON	16-12-2022	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	6 31-12-2018
O	AGN	AEGON	16-12-2022	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	2109 31-12-2018
O	AGN	AEGON	16-12-2022	3,0000	P	EUR	0,7200	0,7200	0,7200	1	0,7200	0,7300		1	1	1034 31-12-2018
O	AGN	AEGON	16-12-2022	3,5000	C	EUR	0,9600	0,9600	0,9600	1	0,9600	0,9600		1	2	1316 31-12-2018
O	AGN	AEGON	16-12-2022	3,5000	P	EUR	1,0200	1,0300	1,0200	2	1,0300	1,0500		1	12	517 31-12-2018
O	AGN	AEGON	16-12-2022	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	11647 31-12-2018
O	AGN	AEGON	16-12-2022	4,0000	P	EUR	1,3600	1,3600	1,3600	1	1,3600	1,4100		1	4	4065 31-12-2018
O	AGN	AEGON	16-12-2022	4,5000	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5400		1	8</	

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Date
O	AGN	AEGON	16-12-2022	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	3062	31-12-2018
O	AGN	AEGON	16-12-2022	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	1278	31-12-2018
O	AGN	AEGON	16-12-2022	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	3179	31-12-2018
O	AGN	AEGON	16-12-2022	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100	5	0	1118	31-12-2018
O	AGN	AEGON	16-12-2022	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	1867	31-12-2018
O	AGN	AEGON	16-12-2022	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800	7	0	1773	31-12-2018
O	AGN	AEGON	15-12-2023	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600	2	0	3	31-12-2018
O	AGN	AEGON	15-12-2023	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	115	31-12-2018
O	AGN	AEGON	15-12-2023	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	100	31-12-2018
O	AGN	AEGON	15-12-2023	3,0000	P	EUR	0,8300	0,8300	0,8300	1	0,8300	0,8200	1	16	117	31-12-2018
O	AGN	AEGON	15-12-2023	4,0000	C	EUR	0,8100	0,8100	0,7900	6	0,8100	0,8100	1	522	851	31-12-2018
O	AGN	AEGON	15-12-2023	4,0000	P	EUR	1,5000	1,5000	1,5000	4	1,5000	1,5500	2	21	180	31-12-2018
O	AGN	AEGON	15-12-2023	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	0	31-12-2018
O	AGN	AEGON	15-12-2023	5,0000	P	EUR	2,2900	2,2900	2,2900	1	2,2900	2,4200	2	25	32	31-12-2018
O	AGN	AEGON	15-12-2023	6,0000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,3100	0	1	67	31-12-2018
O	AGN	AEGON	15-12-2023	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	80	31-12-2018
O	AGN	AEGON	15-12-2023	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	4	31-12-2018
O	AGN	AEGON	15-12-2023	8,0000	P	EUR	5,1500	5,1500	5,0500	4	5,0500	5,1900	5	24	100	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0900	5	0	488	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	503	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1000	4	0	148	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	188	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6100	4	0	369	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	83	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1200	3	0	161	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	234	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6400	3	0	166	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	271	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500	2	0	279	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	527	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	20,5000	C	EUR	1,7200	1,7200	1,7200	1	1,7200	1,6800	2	2	174	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	902	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	1176	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	811	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	137	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	21,5000	P	EUR	0,2500	0,2800	0,2300	10	0,2500	0,2500	0	158	619	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	22,0000	C	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4800	0	5	349	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	22,0000	P	EUR	0,4200	0,4200	0,4000	6	0,4100	0,4100	0	72	841	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	22,5000	C	EUR	0,2500	0,2500	0,2500	2	0,2500	0,2500	0	35	746	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800	1	0	354	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	23,0000	C	EUR	0,1100	0,1100	0,1100	2	0,1100	0,1200	0	48	871	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	108	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	946	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	55	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	587	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	26	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	190	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	10	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	161	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	54	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000	3	0	133	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	159	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	4	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	343	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	78	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	21,0000	P	EUR	0,3700	0,3800	0,3700	3	0,3800	0,3700	0	17	2247	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	21,5000	P	EUR	0,5100	0,5100	0,5100	1	0,5100	0,5000	1	1	82	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	325	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	22,0000	P	EUR	0,6700	0,6700	0,6700	1	0,6700	0,7000	1	1	275	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	22,5000	C	EUR	0,5200	0,5200	0,5200	1	0,5200	0,5200	1	2	91	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	88	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	23,0000	C	EUR	0,3300	0,3400	0,3300	2	0,3400	0,3400	0	7	114	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	11	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	23,5000	C	EUR	0,2400	0,2400	0,2300	3	0,2300	0,2100	0	21	81	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	11	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	24,0000	C	EUR	0,1400	0,1400	0,1400	2	0,1400	0,1300	0	25	184	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700	2	0	1	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	2	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900	3	0	10	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600	4	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0800	10	0	826	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	467	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0800	8	0	757	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	419	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	16,0000	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 Date
O	AH	Ahold Delhaize Koninklijke	15-3-2019	21,0000	P	EUR	0,5700	0,5700	0,5700	1	0,5700	0,5600	1	50	13678	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	21,5000	P	EUR	0,7300	0,7300	0,7300	1	0,7300	0,7100	1	50	63	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	22,0000	C	EUR	1,0200	1,0200	1,0200	1	1,0200	0,9900	1	20	3496	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	3510	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	2	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	22,5000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1700	1	50	50	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	3165	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	1825	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	9749	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	573	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	4	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700	3	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	724	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300	4	0	618	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	6	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9600	6	0	385	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9800	8	0	207	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0800	12	0	301	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	1113	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900	10	0	214	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	3152	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1400	8	0	839	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1069	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900	6	0	1085	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	16,0000	P	EUR	0,2000	0,2000	0,2000	1	0,2000	0,2100	0	1	3707	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800	4	0	2168	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	1943	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800	3	0	653	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	2103	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5400	3	0	6540	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	6901	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900	2	0	2418	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400	1	0	3386	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	3336	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	3279	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	23,0000	C	EUR	0,7300	0,7500	0,7300	3	0,7500	0,7400	1	26	1313	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	953	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	24,0000	C	EUR	0,4700	0,4700	0,4700	1	0,4700	0,4500	0	4	3131	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000	3	0	299	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	1665	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400	4	0	599	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	82	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500	5	0	278	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6600	7	0	1101	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200	9	0	319	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	12,0000	C	EUR	10,1000	10,1000	10,1000	1	10,1000	10,1200	10	1	1599	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	141	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1400	8	0	500	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	10	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900	6	0	20	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	50	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100	4	0	124	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	175	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	19,0000	C	EUR	3,4600	3,4600	3,4600	1	3,4600	3,4400	3	8	654	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	2027	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200	3	0	413	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	263	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100	2	0	338	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	185	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300	1	0	360	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0300	2	0	486	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	23,0000	C	EUR	0,9200	0,9200	0,9200	1	0,9200	0,9100	1	2	2393	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	23,0000	P	EUR	2,7000	2,7000	2,7000	2	2,7000	2,6500	3	17	4119	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	24,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6000	1	3	671	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900	3	0	323	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	207	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	89	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	60	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600	7	0	314	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	51	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9100	9	0	28	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	8,0100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0700	14	0	31	31-12-2

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	AH	Ahold Delhaize Koninklijke	20-12-2019	15,0200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1200	7	0	604	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	15,0200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	3327	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	16,0200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1500	6	0	6168	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	16,0200	P	EUR	0,4200	0,4300	0,4200	2	0,4300	0,4400	0	6	2618	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	18,0000	C	EUR	4,3800	4,3800	4,3800	1	4,3800	4,3400	4	10	4755	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	3066	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	18,0300	C	EUR	4,3500	4,3500	4,3500	2	4,3500	4,3200	4	50	2994	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	18,0300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	5240	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	20,0000	C	EUR	2,7100	2,7100	2,7100	1	2,7100	2,7200	3	3	1654	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400	1	0	1530	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	20,0300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900	1	0	4802	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	20,0300	P	EUR	1,3700	1,3700	1,3700	1	1,3700	1,3500	1	1	5938	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400	2	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600	2	0	204	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	3574	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	4625	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	22,0300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700	1	0	3127	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	22,0300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	2882	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	23,0000	C	EUR	1,0900	1,0900	1,0900	1	1,0900	1,0700	1	3	50	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900	3	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	24,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7600	1	2	1680	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000	4	0	235	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	386	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	25,0000	P	EUR	4,3000	4,3000	4,3000	1	4,3000	4,3800	4	1	601	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	25,0400	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5200	1	4	1470	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	25,0400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4200	4	0	3818	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	26,0000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,3700	0	5	88	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2600	5	0	52	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	1600	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0600	7	0	621	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	30,0500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	871	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	30,0500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0300	9	0	327	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	35,0500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	902	31-12-2018
O	AH	Ahold Delhaize Koninklijke	20-12-2019	35,0500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9600	14	0	1437	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1700	7	0	1	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	164	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2200	6	0	746	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	396	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4400	4	0	55	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	381	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9200	3	0	288	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	185	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	506	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500	3	0	44	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	2017	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2900	4	0	106	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	484	31-12-2018
O	AH	Ahold Delhaize Koninklijke	19-6-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	13	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0800	14	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	74	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	10,0200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0600	12	0	222	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	10,0200	P	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2100	0	2	284	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0800	10	0	128	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	347	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1100	8	0	563	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	6299	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1600	7	0	258	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	937	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	15,0200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1400	7	0	1246	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	15,0200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	672	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2400	6	0	646	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000	1	0	381	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	18,0300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4900	4	0	6403	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	18,0300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	2981	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	514	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	482	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	20,0300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300	3	0	1559	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	20,0300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800	2	0	2369	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	22,0300	C	EUR	2,0000	2,0000	2,0000	3	2,0000	1,9700	2	5	765	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	22,0300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	907	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	284	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7600	5	0	93	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	330	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5300	6	0	119	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	25,0400	C	EUR	1,0000	1,0000	1,0000	1	1,0000	0,9800	1	1	719	31-12-2018
O	AH	Ahold Delhaize Koninklijke	18-12-2020	25,0400	P	EUR	0,0000	0,0000	0,							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AH	Ahold Delhaize Koninklijke	17-12-2021	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	101	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0900	12	0	240	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	574	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900	10	0	362	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	978	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1200	8	0	443	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	1325	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	15,0000	C	EUR	7,2000	7,2000	7,2000	1	7,2000	7,1700	7	2	7195	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	15,0000	P	EUR	1,2600	1,2600	1,2600	1	1,2600	1,2200	1	5	3153	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2700	6	0	1275	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	960	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3900	5	0	102	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	66	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	920	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200	2	0	1609	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000	3	0	1617	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600	3	0	3551	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	2504	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3200	4	0	174	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6800	6	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	1900	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	25,0000	P	EUR	6,4500	6,4500	6,4500	1	6,4500	6,4300	6	1	438	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	18	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300	7	0	30	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	2	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9100	9	0	30	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	775	31-12-2018
O	AH	Ahold Delhaize Koninklijke	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7100	11	0	330	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0800	12	0	262	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	800	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1900	7	0	1504	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200	2	0	850	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	16,0000	C	EUR	6,2500	6,2500	6,2500	1	6,2500	6,2900	6	1	613	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	408	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900	5	0	699	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100	3	0	1710	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4300	3	0	2096	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400	4	0	1435	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	457	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	3034	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	25,0000	C	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5300	2	1	827	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300	7	0	301	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	58	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0100	8	0	15	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	120	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6600	10	0	12	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	30,0000	C	EUR	0,6200	0,6200	0,6200	1	0,6200	0,6500	1	3	353	31-12-2018
O	AH	Ahold Delhaize Koninklijke	16-12-2022	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4100	11	0	458	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2200	7	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	15,0000	P	EUR	1,9200	1,9200	1,9200	1	1,9200	2,0200	2	12	16	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500	4	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	20,0000	P	EUR	4,3000	4,3000	4,3000	1	4,3000	4,4200	4	3	22	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100	3	0	17	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6800	6	0	14	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	25,0000	C	EUR	1,7000	1,7000	1,7000	1	1,7000	1,7400	2	1	5	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8300	8	0	11	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	0	31-12-2018
O	AH	Ahold Delhaize Koninklijke	15-12-2023	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9900	12	0	15	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,0706	22	0	0	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,0644	22	0	0	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,0602	22	0	50	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,4410	21	0	0	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,2066	21	0	0	31-12-2018
F	AH6	Ahold Delhaize Koninklijke - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,1944	21	0	0	31-12-2018
F	AH8	Ahold Delhaize Koninklijke - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7750	1	0	0	31-12-2018
F	AH8	Ahold Delhaize Koninklijke - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
F	AH8	Ahold Delhaize Koninklijke - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
F	AH8	Ahold Delhaize Koninklijke - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
F	AH8	Ahold Delhaize Koninklijke - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0700	5	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700	4	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	0	31-12-2018
O	AH9	Ahold Delhaize Kon - European Stock Option	18-1-2019	19,0000	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	AKO	AKZO NOBEL OLD	21-6-2019	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3400		14	0	80 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	153 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7400		7	0	173 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	252 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	1259 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6500		9	0	135 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	85,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	39 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	85,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6500		17	0	47 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	400 31-12-2018
O	AKO	AKZO NOBEL OLD	21-6-2019	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,6700		26	0	34 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,3300		42	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	131 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8500		33	0	26 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	461 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	42,6200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1400		28	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	42,6200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	92 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,4900		23	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	413 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	52,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9800		19	0	8 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	52,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	346 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,7800		15	0	33 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	533 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9200		8	0	573 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0000		5	0	572 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	419 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4900		10	0	1187 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	85,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	142 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	85,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9300		18	0	45 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	546 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5400		27	0	192 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	113,6600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	273 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	113,6600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,0100		45	0	12 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	142,0800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	110 31-12-2018
O	AKO	AKZO NOBEL OLD	20-12-2019	142,0800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	73,3200		73	0	81 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,0900		42	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	251 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8200		33	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	98 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	42,6200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1700		28	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	42,6200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	128 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6300		24	0	2 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	155 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	52,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4200		19	0	13 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	52,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	204 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6400		16	0	58 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	197 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	61,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3600		12	0	102 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	61,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7400		6	0	115 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5500		10	0	56 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9300		8	0	80 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	71,0400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2700		7	0	82 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	71,0400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5800		11	0	36 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100		6	0	148 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5700		14	0	49 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800		2	0	117 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,0100		29	0	36 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	142,0800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	18-12-2020	142,0800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1800		75	0	11 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,2700		42	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8500		33	0	2 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	279 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8000		24	0	5 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	191 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2200		16	0	98 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700		6	0	236 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6900		11	0	46 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2600		10	0	187 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	71,0400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5200		9	0	141 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	71,0400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0600		13	0	69 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7400		7	0	186 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1700		16	0	103 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600		3	0	199 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2400		31	0	65 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	142,0800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	53 31-12-2018
O	AKO	AKZO NOBEL OLD	17-12-2021	142,0800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,7900		77	0	38 31-12-2018

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	AKZ	AKZO NOBEL	18-1-2019	68,0000	P	EUR	0,7500	0,7500	0,6900	3	0,6900	0,5700		1	28	256 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	70,0000	C	EUR	1,3800	1,4300	1,3800	3	1,4300	1,6600		2	19	171 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	70,0000	P	EUR	1,5700	1,5700	1,3800	4	1,3800	1,2700		1	8	259 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	72,0000	C	EUR	0,6700	0,7000	0,6600	4	0,7000	0,8200		1	24	489 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	72,0000	P	EUR	2,8600	2,8800	2,8600	2	2,8800	2,4300		2	4	411 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	74,0000	C	EUR	0,3300	0,3300	0,3300	1	0,3300	0,4000		0	1	193 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	219 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	76,0000	C	EUR	0,1900	0,1900	0,1600	4	0,1900	0,2200		0	18	634 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8300		6	0	32 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	317 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100		8	0	43 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	207 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6800		10	0	62 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	454 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6400		14	0	209 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	119 31-12-2018
O	AKZ	AKZO NOBEL	18-1-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6400		18	0	205 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6100		13	0	40 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7000		11	0	43 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	10 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0900		7	0	118 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	63 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600		5	0	25 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	66,0000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	0,9700		1	1	42 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400		4	0	106 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	289 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	56 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	70,0000	P	EUR	2,6500	2,6500	2,6500	1	2,6500	2,3800		2	1	274 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	72,0000	C	EUR	1,7000	1,7000	1,7000	1	1,7000	1,9400		2	1	118 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	72,0000	P	EUR	3,8000	3,8000	3,8000	1	3,8000	3,4800		3	1	137 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	74,0000	C	EUR	1,1600	1,1600	1,1600	1	1,1600	1,3000		1	1	164 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	74,0000	P	EUR	5,3000	5,3000	5,3000	1	5,3000	4,8500		5	1	87 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	76,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,8700		1	1	75 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4500		6	0	47 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	78,0000	C	EUR	0,5500	0,5500	0,5100	4	0,5400	0,5900		1	7	63 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1500		8	0	5 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	80,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	58 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0100		10	0	23 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	23 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8300		14	0	4 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	34 31-12-2018
O	AKZ	AKZO NOBEL	15-2-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,7500		18	0	2 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,7500		26	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7900		21	0	37 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	50,0000	P	EUR	0,0900	0,0900	0,0900	1	0,0900	0,1000		0	10	63 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8800		16	0	160 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	14 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0300		13	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1600		11	0	283 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	280 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8600		7	0	111 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	65,0000	P	EUR	1,2600	1,3000	1,2600	2	1,3000	1,1800		1	2	826 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1100		6	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	10 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7300		5	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100		2	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	573 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	70,0000	P	EUR	3,2400	3,2400	3,2400	1	3,2400	2,9600		3	10	1317 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	24 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	72,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	75,0000	C	EUR	1,4500	1,4500	1,4500	1	1,4500	1,6000		2	1	1406 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	1786 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	80,0000	C	EUR	0,5900	0,5900	0,5900	1	0,5900	0,7100		1	4	3079 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	80,0000	P	EUR	10,6500	10,6500	10,6500	1	10,6500	10,2100		10	2	2183 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	428 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8800		15	0	887 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	259 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7500		20	0	532 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	199 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,6700		30	0	216 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,6700		40	0	16 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018
O	AKZ	AKZO NOBEL	15-3-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,6800		50	0	89 31

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3400		14	0	127 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	178 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7400		7	0	363 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	989 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000		5	0	166 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9200		5	0	1432 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6800		4	0	190 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800		6	0	1905 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	75,7800	C	EUR	2,2800	2,2800	2,2800	1	2,2800	2,3700		2	1	1932 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6500		9	0	852 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	80,0000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,4500		1	3	616 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0000		12	0	214 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	85,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	415 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	85,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6500		17	0	122 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	1058 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,2100		19	0	16 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	400 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1100		21	0	27 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	404 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,6700		26	0	212 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	1015 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,8900		31	0	30 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,7800		41	0	11 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,7300		51	0	30 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9600		21	0	13 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2200		16	0	37 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	0 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8800		12	0	80 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	104 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1900		8	0	20 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500		4	0	43 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3300		5	0	40 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400		6	0	124 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	76 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600		9	0	168 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	28 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6800		13	0	30 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	622 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9100		17	0	13 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	62 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,4600		21	0	50 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	11 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,0700		31	0	4 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	20-9-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,8900		41	0	34 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,3300		42	0	50 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	131 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8500		33	0	81 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	411 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	42,6200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1400		28	0	90 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	42,6200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	110 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,4900		23	0	162 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	354 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9500		21	0	0 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	0 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	52,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9800		19	0	106 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	52,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	373 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,7800		15	0	201 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	608 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9200		8	0	1013 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	66,3000	P	EUR	5,1600	5,1600	5,1600	1	5,1600	5,0000		5	2	2932 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9800		6	0	25 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500		7	0	2 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	556 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4900		10	0	1828 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	80,0000	C	EUR	2,4900	2,4900	2,4900	1	2,4900	2,6700		3	2	4548 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6300		14	0	973 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	85,2500	C	EUR	1,6500	1,6500	1,6500	1	1,6500	1,7100		2	10	1302 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	85,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9300		18	0	156 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	280 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1800		22	0	20 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	404 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5400		27	0	196 31-12-2018
O	AKZ	AKZO NOBEL	20-12-2019	100,0000	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	AKZ	AKZO NOBEL	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	639	31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400		7	0	7 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7000		9	69	31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4800		3	0	92 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4900		15	0	9 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	28 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8800		24	0	15 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	5 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,1500		33	0	0 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	70 31-12-2018
O	AKZ	AKZO NOBEL	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,6500		53	0	55 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,0900		42	0	40 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	254	31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8200		33	0	1 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	78	31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	42,6200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1700		28	0	345 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	42,6200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	112 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6300		24	0	7 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	137 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	52,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4200		19	0	19 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	52,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	239 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6400		16	0	73 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	323 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	61,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3600		12	0	97 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	61,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7400		6	0	171 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5500		10	0	191 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9300		8	0	107 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	71,0400	C	EUR	7,0000	7,0000	7,0000	1	7,0000	7,2700		7	1	156 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	71,0400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5800		11	0	67 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100		6	0	773 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5700		14	0	379 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100		4	0	104 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6100		17	0	913 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	451 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,8100		25	0	198 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800		2	0	221 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,0100		29	0	45 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,1600		53	0	30 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	142,0800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	93 31-12-2018
O	AKZ	AKZO NOBEL	18-12-2020	142,0800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1800		75	0	30 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	28,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,2700		42	0	0 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	28,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	37,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8500		33	0	94 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	37,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	226 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	47,3600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8000		24	0	56 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	47,3600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	240 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	56,8300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2200		16	0	253 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	56,8300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700		6	0	347 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	66,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6900		11	0	94 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	66,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2600		10	0	174 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	71,0400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5200		9	0	135 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	71,0400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0600		13	0	114 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	75,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7400		7	0	284 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	75,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1700		16	0	124 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4300		5	0	49 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,1900		19	0	15 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	94,7200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600		3	0	258 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	94,7200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2400		31	0	75 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	142,0800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	33 31-12-2018
O	AKZ	AKZO NOBEL	17-12-2021	142,0800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,7900		77	0	35 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,7600		22	0	74 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6500		5	0	167 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8400		15	0	256 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7700		9	0	97 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8500		10	0	90 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3600		14	0	147 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	32 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6300		18	0	8 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3900		6	0	295 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1700		21	0	215 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6400		3	0	160 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,7900		38	0	80 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400		1	0	35 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,5000		57	0	11 31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	27	31-12-2018
O	AKZ	AKZO NOBEL	16-12-2022	150,0000	P	EUR	0,0000	0,0000								

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date	
O	AKZ	AKZO NOBEL	15-12-2023	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000	3	0	3	31-12-2018	
O	AKZ	AKZO NOBEL	15-12-2023	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,0700	39	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,3179	60	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,3010	60	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,2895	60	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,2361	60	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	59,4858	59	0	0	31-12-2018	
F	AMG	Amadeus IT Group SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	59,4515	59	0	0	31-12-2018	
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	31-12-2018	
F	AM8	Amadeus IT Group - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	100	31-12-2018	
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	31-12-2018	
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	31-12-2018	
F	AM8	Amadeus IT Group - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3800	8	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	20,0000	P	EUR	0,2200	0,2200	0,2200	-	3	0,2200	0,2100	0	12	129	31-12-2018
O	AMG	AMG N.V.	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5000	7	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	22,0000	P	EUR	0,3800	0,3800	0,3400	-	3	0,3400	0,3200	0	11	45	31-12-2018
O	AMG	AMG N.V.	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	17	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	24,0000	P	EUR	0,6000	0,6000	0,5500	-	4	0,6000	0,5400	1	5	27	31-12-2018
O	AMG	AMG N.V.	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800	4	0	12	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	42	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	25,5000	C	EUR	3,4000	3,4000	3,4000	-	1	3,4000	3,4800	3	13	13	31-12-2018
O	AMG	AMG N.V.	18-1-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300	3	0	4	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	26,0000	P	EUR	1,0000	1,0000	1,0000	-	1	1,0000	0,9500	1	1	22	31-12-2018
O	AMG	AMG N.V.	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700	3	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	2	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400	2	0	83	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	27,0000	P	EUR	1,3500	1,3500	1,3500	-	1	1,3500	1,2700	1	3	25	31-12-2018
O	AMG	AMG N.V.	18-1-2019	27,5000	C	EUR	2,1000	2,1000	2,1000	-	1	2,1000	2,1300	2	8	15	31-12-2018
O	AMG	AMG N.V.	18-1-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	28,0000	C	EUR	1,7500	1,7500	1,7000	-	2	1,7000	1,8400	2	47	53	31-12-2018
O	AMG	AMG N.V.	18-1-2019	28,0000	P	EUR	1,7500	1,7500	1,7000	-	3	1,7000	1,6600	2	51	303	31-12-2018
O	AMG	AMG N.V.	18-1-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	8	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	28,5000	P	EUR	1,9500	1,9500	1,9500	-	1	1,9500	1,9000	2	5	5	31-12-2018
O	AMG	AMG N.V.	18-1-2019	29,0000	C	EUR	1,3000	1,3500	1,2500	-	5	1,2500	1,3300	1	65	72	31-12-2018
O	AMG	AMG N.V.	18-1-2019	29,0000	P	EUR	2,2500	2,2500	2,2500	-	1	2,2500	2,1600	2	30	183	31-12-2018
O	AMG	AMG N.V.	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400	1	0	6	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	2	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	30,0000	C	EUR	0,9500	1,0000	0,9000	-	6	0,9000	0,9600	1	15	141	31-12-2018
O	AMG	AMG N.V.	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	481	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	31,0000	C	EUR	0,7000	0,7000	0,6500	-	3	0,6500	0,7000	1	18	49	31-12-2018
O	AMG	AMG N.V.	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300	4	0	9	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	32,0000	C	EUR	0,4600	0,4700	0,4600	-	2	0,4700	0,4800	0	2	52	31-12-2018
O	AMG	AMG N.V.	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100	4	0	265	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	33,0000	C	EUR	0,3500	0,3500	0,3000	-	3	0,3000	0,3300	0	6	56	31-12-2018
O	AMG	AMG N.V.	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1600	5	0	4	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	34,0000	C	EUR	0,2400	0,2400	0,2400	-	1	0,2400	0,2200	0	20	185	31-12-2018
O	AMG	AMG N.V.	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0500	6	0	125	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	35,0000	C	EUR	0,1800	0,1800	0,1800	-	1	0,1800	0,1500	0	20	233	31-12-2018
O	AMG	AMG N.V.	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800	7	0	50	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	36,0000	C	EUR	0,1200	0,1200	0,0900	-	2	0,0900	0,1400	0	2	146	31-12-2018
O	AMG	AMG N.V.	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9600	8	0	97	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	37,0000	C	EUR	0,0600	0,0600	0,0600	-	1	0,0600	0,1100	0	1	121	31-12-2018
O	AMG	AMG N.V.	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9300	9	0	185	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	92	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9000	10	0	72	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	37	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8900	11	0	9	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	172	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8700	12	0	128	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	92	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8600	13	0	49	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	130	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8500	14	0	34	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	50	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8400	15	0	14	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	134	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8400	16	0	15	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	80	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8300	17	0	28	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	327	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8300	18	0	10	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	130	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8300	19	0	0	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	180	31-12-2018	
O	AMG	AMG N.V.	18-1-2019	48,0000													

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AMG	AMG N.V.	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0900		6	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3000		5	0	30 31-12-2018
O	AMG	AMG N.V.	15-2-2019	24,0000	P	EUR	1,2000	1,2000	1,2000	1	1,2000	1,1300		1	3	8 31-12-2018
O	AMG	AMG N.V.	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500		5	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	25,0000	P	EUR	1,5000	1,5000	1,5000	1	1,5000	1,3800		1	13	34 31-12-2018
O	AMG	AMG N.V.	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8700		4	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	2 31-12-2018
O	AMG	AMG N.V.	15-2-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800		2	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	27,0000	C	EUR	3,2000	3,2000	3,2000	1	3,2000	3,2400		3	1	3 31-12-2018
O	AMG	AMG N.V.	15-2-2019	27,0000	P	EUR	2,3000	2,3000	2,3000	1	2,3000	2,0700		2	1	5 31-12-2018
O	AMG	AMG N.V.	15-2-2019	27,5000	C	EUR	2,9000	2,9000	2,9000	1	2,9000	2,9600		3	3	15 31-12-2018
O	AMG	AMG N.V.	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	10 31-12-2018
O	AMG	AMG N.V.	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100		3	0	276 31-12-2018
O	AMG	AMG N.V.	15-2-2019	28,5000	C	EUR	2,3000	2,3000	2,3000	2	2,3000	2,4300		2	40	41 31-12-2018
O	AMG	AMG N.V.	15-2-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	0 31-12-2018
O	AMG	AMG N.V.	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	4 31-12-2018
O	AMG	AMG N.V.	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300		3	0	126 31-12-2018
O	AMG	AMG N.V.	15-2-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700		2	0	2 31-12-2018
O	AMG	AMG N.V.	15-2-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	1 31-12-2018
O	AMG	AMG N.V.	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800		2	0	76 31-12-2018
O	AMG	AMG N.V.	15-2-2019	30,0000	P	EUR	3,7000	3,7000	3,7000	1	3,7000	3,6100		4	1	263 31-12-2018
O	AMG	AMG N.V.	15-2-2019	31,0000	C	EUR	1,3500	1,3500	1,3500	1	1,3500	1,4100		1	1	15 31-12-2018
O	AMG	AMG N.V.	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500		4	0	7 31-12-2018
O	AMG	AMG N.V.	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	182 31-12-2018
O	AMG	AMG N.V.	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	64 31-12-2018
O	AMG	AMG N.V.	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	88 31-12-2018
O	AMG	AMG N.V.	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7300		6	0	7 31-12-2018
O	AMG	AMG N.V.	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	111 31-12-2018
O	AMG	AMG N.V.	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5500		7	0	59 31-12-2018
O	AMG	AMG N.V.	15-2-2019	35,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5800		1	1	25 31-12-2018
O	AMG	AMG N.V.	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4200		7	0	11 31-12-2018
O	AMG	AMG N.V.	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	102 31-12-2018
O	AMG	AMG N.V.	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3000		8	0	158 31-12-2018
O	AMG	AMG N.V.	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	27 31-12-2018
O	AMG	AMG N.V.	15-2-2019	37,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	9,2000		9	0	45 31-12-2018
O	AMG	AMG N.V.	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	109 31-12-2018
O	AMG	AMG N.V.	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1300		10	0	21 31-12-2018
O	AMG	AMG N.V.	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	44 31-12-2018
O	AMG	AMG N.V.	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0800		11	0	3 31-12-2018
O	AMG	AMG N.V.	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	27 31-12-2018
O	AMG	AMG N.V.	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0400		12	0	33 31-12-2018
O	AMG	AMG N.V.	15-2-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	4 31-12-2018
O	AMG	AMG N.V.	15-2-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0000		13	0	37 31-12-2018
O	AMG	AMG N.V.	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	82 31-12-2018
O	AMG	AMG N.V.	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9800		14	0	12 31-12-2018
O	AMG	AMG N.V.	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	81 31-12-2018
O	AMG	AMG N.V.	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9300		16	0	4 31-12-2018
O	AMG	AMG N.V.	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	59 31-12-2018
O	AMG	AMG N.V.	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9000		18	0	8 31-12-2018
O	AMG	AMG N.V.	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	33 31-12-2018
O	AMG	AMG N.V.	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8800		20	0	14 31-12-2018
O	AMG	AMG N.V.	15-3-2019	20,0000	C	EUR	8,8000	9,0500	8,8000	2	9,0500	8,9500		9	5	7 31-12-2018
O	AMG	AMG N.V.	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	69 31-12-2018
O	AMG	AMG N.V.	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2900		7	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	73 31-12-2018
O	AMG	AMG N.V.	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4800		6	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7500		6	0	68 31-12-2018
O	AMG	AMG N.V.	15-3-2019	24,0000	P	EUR	1,6500	1,6500	1,6500	1	1,6500	1,5800		2	2	152 31-12-2018
O	AMG	AMG N.V.	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400		5	0	37 31-12-2018
O	AMG	AMG N.V.	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	9 31-12-2018
O	AMG	AMG N.V.	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800		4	0	20 31-12-2018
O	AMG	AMG N.V.	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	455 31-12-2018
O	AMG	AMG N.V.	15-3-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700		4	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700		4	0	3 31-12-2018
O	AMG	AMG N.V.	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100		3	0	3 31-12-2018
O	AMG	AMG N.V.	15-3-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	2 31-12-2018
O	AMG	AMG N.V.	15-3-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	1 31-12-2018
O	AMG	AMG N.V.	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400		3	0	29 31-12-2018
O	AMG	AMG N.V.	15-3-2019	28,0000	P	EUR	3,1500	3,1500	3,1500	1	3,1500	3,0800		3	10	163 31-12-2018
O	AMG	AMG N.V.	15-3-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800		3	0	10 31-12-2018
O	AMG	AMG N.V.	15-3-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3200		3	0	0 31-12-2018
O	AMG	AMG N.V.	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	8 31-12-2018
O	AMG	AMG N.V.	15-3-2019	29,0000	P	EUR	0,0000	0,0000								

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AMG	AMG N.V.	15-3-2019	35,0000	P	EUR	7,9400	7,9400	7,9400	1	7,9400	7,8100	8	1	326	31-12-2018
O	AMG	AMG N.V.	15-3-2019	36,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,8100	1	1	155	31-12-2018
O	AMG	AMG N.V.	15-3-2019	36,0000	P	EUR	8,7700	8,7700	8,7700	1	8,7700	8,6500	9	1	263	31-12-2018
O	AMG	AMG N.V.	15-3-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	414	31-12-2018
O	AMG	AMG N.V.	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4200	10	0	292	31-12-2018
O	AMG	AMG N.V.	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	777	31-12-2018
O	AMG	AMG N.V.	15-3-2019	40,0000	P	EUR	12,8000	12,8500	12,8000	2	12,8500	12,2700	12	2	389	31-12-2018
O	AMG	AMG N.V.	15-3-2019	42,0000	C	EUR	0,3200	0,3400	0,3100	6	0,3400	0,3100	0	49	445	31-12-2018
O	AMG	AMG N.V.	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1500	14	0	331	31-12-2018
O	AMG	AMG N.V.	15-3-2019	44,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2300	0	4	365	31-12-2018
O	AMG	AMG N.V.	15-3-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0700	16	0	593	31-12-2018
O	AMG	AMG N.V.	15-3-2019	45,0000	C	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1900	0	1	463	31-12-2018
O	AMG	AMG N.V.	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0400	17	0	197	31-12-2018
O	AMG	AMG N.V.	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	282	31-12-2018
O	AMG	AMG N.V.	15-3-2019	46,0000	P	EUR	18,3500	18,3500	18,3500	1	18,3500	18,0400	18	5	129	31-12-2018
O	AMG	AMG N.V.	15-3-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	1037	31-12-2018
O	AMG	AMG N.V.	15-3-2019	48,0000	P	EUR	20,1200	20,1200	20,1200	1	20,1200	20,0000	20	1	256	31-12-2018
O	AMG	AMG N.V.	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	879	31-12-2018
O	AMG	AMG N.V.	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,9900	22	0	374	31-12-2018
O	AMG	AMG N.V.	15-3-2019	52,0000	C	EUR	0,1000	0,1000	0,1000	2	0,1000	0,1100	0	80	216	31-12-2018
O	AMG	AMG N.V.	15-3-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,9700	24	0	57	31-12-2018
O	AMG	AMG N.V.	15-3-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	349	31-12-2018
O	AMG	AMG N.V.	15-3-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,9400	26	0	172	31-12-2018
O	AMG	AMG N.V.	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	262	31-12-2018
O	AMG	AMG N.V.	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,9200	32	0	48	31-12-2018
O	AMG	AMG N.V.	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	270	31-12-2018
O	AMG	AMG N.V.	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,9000	42	0	77	31-12-2018
O	AMG	AMG N.V.	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4800	9	0	26	31-12-2018
O	AMG	AMG N.V.	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	13	31-12-2018
O	AMG	AMG N.V.	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700	8	0	0	31-12-2018
O	AMG	AMG N.V.	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	26	31-12-2018
O	AMG	AMG N.V.	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5800	7	0	53	31-12-2018
O	AMG	AMG N.V.	21-6-2019	24,0000	P	EUR	2,7000	2,7000	2,7000	1	2,7000	2,7000	3	2	31	31-12-2018
O	AMG	AMG N.V.	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4100	5	0	41	31-12-2018
O	AMG	AMG N.V.	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600	4	0	159	31-12-2018
O	AMG	AMG N.V.	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700	5	0	21	31-12-2018
O	AMG	AMG N.V.	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300	4	0	0	31-12-2018
O	AMG	AMG N.V.	21-6-2019	28,0000	C	EUR	4,3000	4,3000	4,3000	1	4,3000	4,3600	4	5	78	31-12-2018
O	AMG	AMG N.V.	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300	5	0	264	31-12-2018
O	AMG	AMG N.V.	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9200	4	0	2	31-12-2018
O	AMG	AMG N.V.	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000	5	0	18	31-12-2018
O	AMG	AMG N.V.	21-6-2019	30,0000	C	EUR	3,3500	3,3500	3,3000	2	3,3000	3,5200	4	2	569	31-12-2018
O	AMG	AMG N.V.	21-6-2019	30,0000	P	EUR	5,6500	5,6500	5,6500	1	5,6500	5,7000	6	2	509	31-12-2018
O	AMG	AMG N.V.	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7800	3	0	115	31-12-2018
O	AMG	AMG N.V.	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700	7	0	118	31-12-2018
O	AMG	AMG N.V.	21-6-2019	34,0000	C	EUR	2,0500	2,0500	2,0500	1	2,0500	2,1900	2	1	60	31-12-2018
O	AMG	AMG N.V.	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000	8	0	153	31-12-2018
O	AMG	AMG N.V.	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	448	31-12-2018
O	AMG	AMG N.V.	21-6-2019	35,0000	P	EUR	9,3200	9,3200	9,3200	1	9,3200	9,2000	9	6	187	31-12-2018
O	AMG	AMG N.V.	21-6-2019	36,0000	C	EUR	1,7200	1,7200	1,7200	1	1,7200	1,7500	2	6	438	31-12-2018
O	AMG	AMG N.V.	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9600	10	0	281	31-12-2018
O	AMG	AMG N.V.	21-6-2019	38,0000	C	EUR	1,3700	1,3700	1,3700	1	1,3700	1,4000	1	1	1154	31-12-2018
O	AMG	AMG N.V.	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6200	12	0	617	31-12-2018
O	AMG	AMG N.V.	21-6-2019	40,0000	C	EUR	1,0500	1,0500	1,0500	1	1,0500	1,1100	1	1	738	31-12-2018
O	AMG	AMG N.V.	21-6-2019	40,0000	P	EUR	13,7500	13,8000	13,6000	5	13,6000	13,3400	13	5	602	31-12-2018
O	AMG	AMG N.V.	21-6-2019	42,0000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,8900	1	1	269	31-12-2018
O	AMG	AMG N.V.	21-6-2019	42,0000	P	EUR	15,1000	15,3500	15,1000	2	15,3500	15,1200	15	2	1173	31-12-2018
O	AMG	AMG N.V.	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	40	31-12-2018
O	AMG	AMG N.V.	21-6-2019	44,0000	P	EUR	17,0000	17,0000	17,0000	1	17,0000	16,9400	17	5	419	31-12-2018
O	AMG	AMG N.V.	21-6-2019	45,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6500	1	1	187	31-12-2018
O	AMG	AMG N.V.	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8900	18	0	195	31-12-2018
O	AMG	AMG N.V.	21-6-2019	46,0000	C	EUR	0,5500	0,5500	0,5500	2	0,5500	0,5700	1	11	35	31-12-2018
O	AMG	AMG N.V.	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8100	19	0	102	31-12-2018
O	AMG	AMG N.V.	21-6-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	28	31-12-2018
O	AMG	AMG N.V.	21-6-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7100	21	0	71	31-12-2018
O	AMG	AMG N.V.	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	387	31-12-2018
O	AMG	AMG N.V.	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6300	23	0	104	31-12-2018
O	AMG	AMG N.V.	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	99	31-12-2018
O	AMG	AMG N.V.	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5100	28	0	62	31-12-2018
O	AMG	AMG N.V.	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	37	31-12-2018
O	AMG	AMG N.V.	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,4100	32	0	15	31-12-2018
O	AMG	AMG N.V.	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8900	10	0	0	31-12-2018
O	AMG	AMG N.V.	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400	2	0	1	31-12-2018
O	AMG	AMG N.V.	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4600	8	0	0	31-12-2018
O	AMG	AMG N.V.	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500	3	0	0	31-12-2018
O	AMG	AMG N.V.	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500	7	0	2	31-12-2018
O	AMG	AMG N.V.	20-9-2019	24,0000	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	AMG	AMG N.V.	20-9-2019	30,0000	C	EUR	4,2000	4,2000	4,2000	2	4,2000	4,2700	4	14	75	31-12-2018
O	AMG	AMG N.V.	20-9-2019	30,0000	P	EUR	6,7200	6,7200	6,7200	1	6,7200	6,7700	7	6	34	31-12-2018
O	AMG	AMG N.V.	20-9-2019	32,0000	C	EUR	3,4700	3,4700	3,4700	1	3,4700	3,6000	4	6	6	31-12-2018
O	AMG	AMG N.V.	20-9-2019	32,0000	P	EUR	8,0400	8,0400	8,0400	1	8,0400	8,1200	8	1	26	31-12-2018
O	AMG	AMG N.V.	20-9-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900	3	0	0	31-12-2018
O	AMG	AMG N.V.	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5100	10	0	0	31-12-2018
O	AMG	AMG N.V.	20-9-2019	35,0000	C	EUR	2,6700	2,8000	2,6700	2	2,8000	2,7400	3	21	24	31-12-2018
O	AMG	AMG N.V.	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2700	10	0	7	31-12-2018
O	AMG	AMG N.V.	20-9-2019	40,0000	C	EUR	1,5700	1,7000	1,5700	9	1,6500	1,7200	2	72	128	31-12-2018
O	AMG	AMG N.V.	20-9-2019	40,0000	P	EUR	14,2000	14,2000	14,2000	1	14,2000	14,2800	14	1	6	31-12-2018
F	AN6	Acciona SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	73,8853	74	0	0	31-12-2018
F	AN6	Acciona SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	73,8846	74	0	0	31-12-2018
F	AN6	Acciona SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	73,8505	74	0	0	31-12-2018
F	AN6	Acciona SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	73,7851	74	0	0	31-12-2018
F	AN6	Acciona SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	70,6873	71	0	0	31-12-2018
F	AN6	Acciona SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	70,6467	71	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0700	5	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	2	2	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1200	4	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	14	14	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900	3	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	2	2	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500	2	0	10	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	21,0000	P	EUR	0,3600	0,3600	0,3200	4	0,3200	0,3100	0	10	104	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	22,0000	C	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5700	2	1	53	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	454	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	22,5000	C	EUR	1,2000	1,2000	1,2000	1	1,2000	1,2500	1	2	18	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	22,5000	P	EUR	0,7000	0,7000	0,7000	1	0,7000	0,7000	1	1	33	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	23,0000	C	EUR	0,8000	1,0500	0,8000	4	0,9500	0,9800	1	12	41	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	23,0000	P	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9300	1	8	148	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	23,5000	C	EUR	0,6500	0,7000	0,6500	5	0,7000	0,7500	1	26	46	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	24,0000	C	EUR	0,4900	0,6000	0,4900	3	0,6000	0,5600	1	5	53	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	24,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,5200	2	1	50	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	24,5000	C	EUR	0,3000	0,4000	0,3000	4	0,4000	0,3700	0	10	31	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	32	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	25,0000	C	EUR	0,2400	0,2600	0,2100	3	0,2600	0,2500	0	4	105	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	25,0000	P	EUR	2,4900	2,4900	2,4900	1	2,4900	2,2100	2	1	124	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	52	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200	3	0	25	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	43	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	27	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	21	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	10	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	72	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	27,0000	P	EUR	3,9200	3,9200	3,9200	1	3,9200	4,0200	4	1	78	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	706	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4800	4	0	3	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	28,0000	C	EUR	0,0200	0,0200	0,0200	2	0,0200	0,0100	0	7	64	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700	5	0	113	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	12	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600	5	0	15	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	17	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9600	6	0	186	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	20	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4600	6	0	74	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1059	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600	7	0	134	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	53	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9600	8	0	161	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	32	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	32,0000	P	EUR	9,1500	9,1500	9,1500	1	9,1500	8,9600	9	2	89	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	74	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9600	10	0	80	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	115	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9600	11	0	25	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9600	12	0	35	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	30	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9600	13	0	53	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9600	14	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	38,0000	P	EUR	14,8000	14,8000	14,8000	1	14,8000	14,9600	15	2	2	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AP	Aperam Stnd Option	18-1-2019													

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	AP	Aperam Stnd Option	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	80 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	59 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500		1	0	6 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	70 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	21 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300		1	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	1 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	23,0000	P	EUR	1,6500	1,6500	1,6500	1	1,6500	1,5700		2	2	61 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3900		1	0	1 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	10 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	24,0000	C	EUR	1,0500	1,0500	1,0500	1	1,0500	1,1500		1	1	46 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	3 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	24,5000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9500		1	1	25 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	105 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	25,0000	C	EUR	0,7000	0,7500	0,7000	2	0,7500	0,8000		1	2	12 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	88 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	20 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1200		3	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	26,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5500		1	3	3 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5100		4	0	3 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	436	31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	1 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	27,0000	C	EUR	0,3100	0,3100	0,3100	1	0,3100	0,3800		0	2	83 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	27,0000	P	EUR	4,2200	4,2200	4,2200	1	4,2200	4,3400		4	1	11 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	1 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7700		5	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	106	31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2100		5	0	50 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	96	31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1300		6	0	20 31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	20	31-12-2018
O	AP	Aperam Stnd Option	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0700		7	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	16,0000	C	EUR	7,2500	7,2500	7,2500	1	7,2500	7,1600		7	1	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	1	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	18,0000	C	EUR	5,3800	5,3800	5,3800	-	0,0000	5,3800		5	0	1 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4400		0	59	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100		5	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7200		4	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	96 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100		3	0	5 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	11 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	6 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	33 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200		2	0	37 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400		2	0	24 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400		2	0	0 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	68 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	142 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	25,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0200		1	1	87 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	25,0000	P	EUR	3,4900	3,4900	3,4900	1	3,4900	3,2900		3	1	135 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	160 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	126 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	118 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	27,0000	P	EUR	5,0000	5,0000	5,0000	-	0,0000	4,8200		5	0	17 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	28,0000	C	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3800		0	5	245 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	188 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	70	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5900		7	0	31 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	173	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5100		8	0	68 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	273	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4200		9	0	109 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	125	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3700		11	0	329 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	355	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3600		12	0	149 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	436	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3500		13	0	58 31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	38,0000	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	AP	Aperam Stnd Option	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	37	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,3400	22	0	98	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	69	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,3400	23	0	38	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	44	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,3400	27	0	96	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	56	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3500	32	0	10	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AP	Aperam Stnd Option	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3500	37	0	131	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2900	7	0	0	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5800	6	0	1	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	58	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0900	4	0	4	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	46	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	0	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000	2	0	0	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000	3	0	9	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	22,0000	P	EUR	2,5500	2,5500	2,5500	1	2,5500	2,4900	2	2	117	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300	2	0	11	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400	3	0	0	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	7	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6100	4	0	49	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	13	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	3	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	33	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600	5	0	73	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	27	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900	6	0	36	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	813	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5000	7	0	1080	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	46	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300	7	0	25	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	30,0000	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5100	1	4	309	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1900	8	0	264	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	112	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0200	10	0	42	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	186	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9100	12	0	139	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	74	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8300	14	0	156	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	143	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7900	16	0	235	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	287	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,7600	18	0	94	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	125	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7400	20	0	55	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	20	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,7300	22	0	9	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	221	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,7300	23	0	58	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	42	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,7200	28	0	30	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	32	31-12-2018
O	AP	Aperam Stnd Option	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,7300	33	0	15	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300	7	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	52	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7200	6	0	18	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	625	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600	4	0	9	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	20,0000	P	EUR	2,1800	2,1800	2,1800	1	2,1800	2,2000	2	2	180	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	4	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500	3	0	4	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200	3	0	74	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300	3	0	149	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700	3	0	55	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	23,0000	P	EUR	3,6300	3,6300	3,6300	1	3,6300	3,7100	4	2	31	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	101	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3200	4	0	177	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	20	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	25,0000	P	EUR	4,9500	4,9500	4,9500	1	4,9500	4,9500	5	1	18	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	101	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6400	6	0	121	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	45	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3800	6	0	8	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	28,0000	C	EUR	1,1000	1,1000	1,1000	1	1,1000	1,1500	1	1	73	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	28,0000	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	AP	Aperam Stnd Option	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4300	12	0	212	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	41	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3600	13	0	129	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	56	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3100	14	0	113	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	87	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2400	16	0	72	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	47	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1900	18	0	92	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	55	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1600	20	0	44	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	11	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,1200	23	0	37	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	16	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1000	28	0	19	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	54	31-12-2018
O	AP	Aperam Stnd Option	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,1000	33	0	23	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3800	7	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	4	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400	6	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500	2	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400	5	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700	3	0	12	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9700	4	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500	3	0	8	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6600	4	0	5	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	23,0000	C	EUR	3,1100	3,1100	3,1100	1	3,1100	3,0000	3	10	38	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	23,0000	P	EUR	4,1600	4,1600	4,1600	1	4,1600	4,2400	4	10	16	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800	3	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400	5	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700	6	0	1	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	0	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000	8	0	26	31-12-2018
O	AP	Aperam Stnd Option	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
F	AP	Aperam Stnd Option	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3100	9	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	86,0127	87	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	86,8883	87	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	86,8717	87	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	85,4453	85	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	85,3875	85	0	0	31-12-2018
F	AP6	SAP SE - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	85,3382	85	0	0	31-12-2018
F	AP8	SAP - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	3	31-12-2018
F	AP8	SAP - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	0	31-12-2018
F	AP8	SAP - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000	2	0	0	31-12-2018
F	AP8	SAP - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	0	31-12-2018
F	AP8	SAP - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1400	9	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2600	7	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	83,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6600	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	83,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8700	4	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500	3	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	86,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	87,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	87,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0100	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	50	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	89,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	89,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300	3	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	50	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8300	4	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	91,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	91,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	50	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4400	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	93,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	100	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	93,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200	6	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	94,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	18-1-2019	94,0000	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	APQ	SAP - Stock Option	15-3-2019	108,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	108,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3000	21	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	143	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,2700	23	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,2400	25	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	112	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,2000	28	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	69	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,1800	33	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	15-3-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,1700	43	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,1100	27	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8800	18	0	10	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6400	14	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9100	10	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8900	4	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5400	9	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300	7	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7300	7	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9100	6	100	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	86,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2000	6	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4000	6	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4700	7	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300	4	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6500	9	20	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9300	10	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	94,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9200	11	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	94,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3500	3	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300	3	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0700	12	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8200	13	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	98,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	98,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,4400	14	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	30	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0800	16	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	102,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	102,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,7800	18	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	104,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	14	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	104,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5500	20	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,4700	20	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	106,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	95	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	106,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3700	21	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	108,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	108,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,2300	23	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,1100	25	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,0200	27	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	3	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,9100	30	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	34	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,7800	35	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,6700	45	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,6500	55	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	APQ	SAP - Stock Option	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,6600	65	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2500	14	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200	3	59	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6800	11	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100	5	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3800	9	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700	6	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2300	8	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700	7	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6600	8	0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	85,0000	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	APQ	SAP - Stock Option	20-9-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2100		11	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	94,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600		4	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	94,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5500		13	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9700		14	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	98,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	98,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4600		15	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0500		17	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	102,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0300		2	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	102,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,6700		19	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	104,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	104,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3600		20	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	106,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	106,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,0900		22	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	108,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	108,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8700		24	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,6800		26	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5300		28	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2100		31	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,0800		35	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
O	APQ	SAP - Stock Option	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,8900		45	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,3200		27	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7700		19	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0200		3	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9300		15	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300		4	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5100		12	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3200		10	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8800		7	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2400		9	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8300		8	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7200		9	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3100		8	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	86,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2300		8	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8400		9	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300		7	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9600		10	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3900		6	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0400		11	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500		6	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3100		12	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000		5	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2700		14	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9400		18	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,9900		22	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,3200		26	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9500		31	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,5900		36	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,9900		55	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	31-12-2018
O	APQ	SAP - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,9200		65	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2000		27	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8100		19	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9200		4	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1600		15	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5400		6	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9300		12	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5400		8	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1800		9	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9800		10	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400		7	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8900		13	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	31-12-2018
O	APQ	SAP - Stock Option	19-													

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	APQ	SAP - Stock Option	19-6-2020	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9700		33	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,6000		38	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,9700		57	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	31-12-2018
O	APQ	SAP - Stock Option	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,8500		67	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5000		28	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,3100		19	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400		5	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7100		16	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4600		6	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4100		12	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3200		8	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4300		9	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4700		10	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800		7	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1400		13	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1300		5	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3700		16	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000		4	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1000		20	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100		3	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2600		24	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,6600		29	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800		2	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,1900		33	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400		1	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,8700		38	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,0200		57	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	31-12-2018
O	APQ	SAP - Stock Option	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,8400		67	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,6900		28	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3800		3	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8100		20	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3300		6	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3100		16	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1100		8	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0800		13	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1500		10	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1600		10	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4500		12	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7600		8	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2400		15	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9100		6	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5300		19	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400		5	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,2600		22	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600		4	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,3900		26	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,7500		31	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400		2	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,2900		35	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300		2	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,9400		40	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	58,9300		59	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	31-12-2018
O	APQ	SAP - Stock Option	18-6-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	68,6600		69	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9700		28	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1500		4	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3700		20	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400		7	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9300		17	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7900		14	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1900		11	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8900		11	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4600		13	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5000		9	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1900		16	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6200		7	0	31-12-2018
O	APQ	SAP - Stock Option	17-12-2021	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4000		19	0	31-12-2018
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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	AQ6	Fortum OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9712	18	0	0	31-12-2018
F	AQ6	Fortum OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9590	18	0	0	31-12-2018
F	AQ6	Fortum OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9487	18	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	AQ8	Fortum OYJ - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400	3	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	8,0000	P	EUR	0,1000	0,1000	0,1000	2	0,1000	0,0900	0	10	108	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0100	2	0	1	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	10	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	86	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	34	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	49	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300	1	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	1	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	12	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	10,0000	P	EUR	0,3300	0,3300	0,3300	2	0,3300	0,3200	0	10	215	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	67	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	87	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	11,0000	C	EUR	0,3800	0,3900	0,3800	3	0,3900	0,3700	0	5	84	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	74	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	82	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	32	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	106	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	181	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	97	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	30	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	131	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	18	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	12	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	13,5000	P	EUR	3,0000	3,0000	3,0000	1	3,0000	2,8500	3	5	11	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500	3	0	17	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	182	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400	4	0	1	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3400	4	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400	5	0	8	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	7	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400	6	0	10	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ARC	Arcadis N.V	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400	7	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400	2	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	100	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,2000	P	EUR	0,4400	0,4400	0,4400	1	0,4400	0,4900	0	1	24	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	60	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300	1	0	1	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800	1	0	82	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	2	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	75	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	11,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7500	1	1	3	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	137	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	4	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	6	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	12,0000	C	EUR	0,3700	0,3700	0,3700	1	0,3700	0,3600	0	1	80	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100	2	0	260	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	65	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	2	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	32	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100	3	0	10	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	35	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200	3	0	12	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	ARC	Arcadis N.V	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800	4	0	90	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600	4	0	0	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	2254	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	18	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	2529	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200	2	0	0	31-12-2018
O	ARC	Arcadis N.V	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
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	ARC	Arcadis N.V	15-3-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	100 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	771 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	10,5000	C	EUR	1,2500	1,2500	1,2500	1	1,2500	1,2100		1	8	8 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	35 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	11,0000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9500		1	2	45 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	563 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	119 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	974 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	92 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	225 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	278 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5100		4	0	194 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	15,0000	C	EUR	0,0900	0,0900	0,0900	1	0,0900	0,0800		0	10	151 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4300		4	0	356 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	190 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3900		5	0	394 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	187 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3700		6	0	403 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	142 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3600		7	0	87 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	107 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3600		9	0	70 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	120 31-12-2018
O	ARC	Arcadis N.V	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3600		11	0	14 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300		4	0	0 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	131 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	12 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	228 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600		2	0	19 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	363 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	5 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	30 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	0	121 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	247 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	99 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	149 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	166 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	248 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	616 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	433 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	207 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100		4	0	250 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	278 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	284 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	251 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9000		6	0	121 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	65 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8300		8	0	338 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8000		10	0	79 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ARC	Arcadis N.V	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7800		12	0	10 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700		4	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	7,0000	P	EUR	0,7000	0,7000	0,7000	1	0,7000	0,7100		1	1	2 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	2 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	50 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	195 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2700		2	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900		1	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	10 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	10,0000	P	EUR	1,7000	1,7000	1,7000	1	1,7000	1,6900		2	3	48 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400		1	0	26 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	35 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	12,0000	C	EUR	1,0500	1,0500	1,0500	2	1,0500	1,0400		1	4	6 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	51 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	9 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300		4	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	16,0000	C	EUR	0,2200	0,2700	0,2200	2	0,2700	0,2600		0	2	3 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0400		6	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	ARC	Arcadis N.V	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9400		8	0	0 31-12-2018
F	AS6	ASML Holding NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	137,1328		137	0	5 31-12-2018
F	AS6	ASML Holding NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	137,0943		137	0	0 31-12-2018
F	AS6	ASML Holding NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	137,0681		137	0	0 31-12-2018
F	AS6	ASML Holding NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	135,5474		136	0	0 31-12-2018
F	AS6	ASML Holding NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	135,4557		135	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	AS9	ASML Holding NV - European Stock Option	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6700		4	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2400		31	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7500		6	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,0700		24	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6800		9	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0000		18	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6300		13	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0200		13	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6800		18	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1500		9	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8600		24	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2700		6	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9800		31	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500		4	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,9900		39	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,5500		48	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,0800		66	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,5200		86	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-9-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	115,1000		115	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6100		49	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,3000		40	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,6900		33	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3700		7	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,8700		26	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5500		11	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9500		20	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,6800		15	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0500		15	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8100		20	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1000		11	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,9400		26	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1100		8	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9400		33	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1500		4	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,0600		49	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,1400		67	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	165,5700		166	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,9700		41	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0100		7	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,6400		28	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8200		14	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5300		18	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8900		24	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6200		11	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,0800		37	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6400		4	0	31-12-2018	
O	AS9	ASML Holding NV - European Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,2300		70	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	100,0000	C	EUR	37,3500	37,3500	37,2500	3	37,2500	37,3500		37	4	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	100,0000	P	EUR	0,1300	0,1300	0,1300	2	0,1300	0,1100		0	2	39	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3700		32	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4900		27	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	110,0000	P	EUR	0,3000	0,3000	0,2300	7	0,2600	0,2500		0	11	66	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,5200		26	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	114,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,5400		24	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	114,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6900		22	0	41	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	116,0000	P	EUR	0,5000	0,5000	0,4200	5	0,4600	0,4700		0	14	311	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	118,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7300		20	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	118,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9000		18	0	62	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	120,0000	P	EUR	0,8000	0,8000	0,6800	3	0,6800	0,6900		1	14	266	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	122,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0200		16	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	122,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	124,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2400		14	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	124,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	31-12-2018	
O	ASL	ASML Holding NV	18-1-2019	125,0000	C	EUR	13,4500	13,7500	13,4500	2	13,7500	13,4100		13	2	91	31-12-2018

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ASL	ASML Holding NV	18-1-2019	134,0000	C	EUR	5,9000	6,3500	5,9000	3	6,3500	6,4800	6	5	183	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	134,0000	P	EUR	3,6000	3,6000	3,2100	5	3,3000	3,2900	3	11	220	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	135,0000	C	EUR	5,8500	5,9500	5,3500	4	5,9500	5,8300	6	12	159	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	135,0000	P	EUR	4,0500	4,0500	3,6000	3	3,7700	3,6500	4	3	2541	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	136,0000	C	EUR	4,8000	5,5000	4,7500	9	5,1000	5,2600	5	13	135	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	136,0000	P	EUR	4,3000	4,3000	3,9600	2	3,9600	4,0600	4	6	166	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	138,0000	C	EUR	3,9700	4,3500	3,8500	43	4,1100	4,1600	4	419	386	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	138,0000	P	EUR	5,3000	5,3000	4,9600	3	4,9600	4,9800	5	11	140	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	140,0000	C	EUR	3,2000	3,3600	3,0000	15	3,2100	3,2600	3	75	612	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	140,0000	P	EUR	6,4900	6,4900	5,8500	8	6,2000	6,0500	6	16	300	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	142,0000	C	EUR	2,4000	2,5400	2,3500	9	2,4000	2,4800	2	20	298	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	142,0000	P	EUR	7,8400	7,8400	7,8400	1	7,8400	7,3200	7	6	56	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	144,0000	C	EUR	1,9500	1,9500	1,9500	1	1,9500	1,8700	2	1	167	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6500	9	0	109	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	145,0000	C	EUR	1,5000	1,6700	1,5000	9	1,5500	1,6000	2	70	553	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	145,0000	P	EUR	9,7500	9,9000	9,3000	4	9,3000	9,4100	9	43	190	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	146,0000	C	EUR	1,3000	1,4000	1,3000	7	1,3800	1,3800	1	53	231	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	146,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1800	10	0	156	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	148,0000	C	EUR	1,0000	1,0500	1,0000	7	1,0500	1,0100	1	77	392	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	148,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7900	12	0	131	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	150,0000	C	EUR	0,6900	0,7800	0,6800	6	0,7000	0,7500	1	9	971	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	150,0000	P	EUR	14,1000	14,1000	13,2000	6	14,0000	13,5500	14	18	316	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	152,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	179	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	152,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3500	15	0	93	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	154,0000	C	EUR	0,4400	0,4400	0,4000	2	0,4000	0,4000	0	2	242	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	154,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1900	17	0	62	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	155,0000	C	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3400	0	1	320	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1300	18	0	140	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	156,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	114	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	156,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,1100	19	0	35	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	158,0000	C	EUR	0,2400	0,2400	0,2400	3	0,2400	0,2200	0	3	175	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	158,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0000	21	0	58	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	160,0000	C	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1600	0	2	974	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	160,0000	P	EUR	24,0000	24,0000	23,6000	4	23,6000	23,0000	23	32	153	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	170	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9000	28	0	90	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	170,0000	C	EUR	0,0800	0,0800	0,0600	3	0,0800	0,0500	0	5	469	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	170,0000	P	EUR	33,0000	33,4000	33,0000	2	33,4000	32,8900	33	2	234	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	2474	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,8800	43	0	143	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	85	31-12-2018
O	ASL	ASML Holding NV	18-1-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,8800	53	0	61	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,6400	38	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	4	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8400	33	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1500	28	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	11	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,3300	26	0	3	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	112,0000	P	EUR	1,1800	1,1800	1,1800	1	1,1800	1,1600	1	1	112	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	114,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,4900	24	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	114,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,7700	23	0	17	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	492	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	118,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9900	21	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	118,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500	2	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,3000	19	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	120,0000	P	EUR	2,3500	2,3500	2,1800	2	2,1800	2,1500	2	2	192	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	122,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6700	18	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	122,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100	3	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	124,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0800	16	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	124,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100	3	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	126,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	14,5500	15	0	4	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	126,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000	3	0	4	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0800	13	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	128,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500	4	0	2	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	130,0000	C	EUR	11,7500	11,7500	11,7500	1	11,7500	11,7100	12	3	30	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400	5	0	230	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	132,0000	C	EUR	10,1100	10,2500	10,1100	3	10,2000	10,4100	10	3	4	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	132,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2300	5	0	1	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1300	9	0	0	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	134,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	20	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	135,0000	C	EUR	8,6000	8,6000	8,6000	1	8,6000	8,5600	9	5	26	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	135,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4000	6	0	71	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	136,0000	C	EUR	8,0900	8,0900	8,0000	2	8,0000	8,0100	8	4	4	31-12-2018
O	ASL	ASML Holding NV	15-2-2019	136,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500	7	0	2	31-12-2018
O	ASL	ASML Holding NV	15-2-2019													

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	ASL	ASML Holding NV	15-2-2019	145,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8700		12	0	109 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	150,0000	C	EUR	2,5000	2,6800	2,5000	5	2,6200	2,5700		3	15	152 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4400		15	0	70 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	155,0000	C	EUR	1,5800	1,6500	1,5800	5	1,6500	1,6100		2	21	142 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4700		19	0	124 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	160,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0200		1	6	161 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	160,0000	P	EUR	24,4500	24,4500	23,7500	2	23,7500	23,8500		24	2	83 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	170,0000	C	EUR	0,4300	0,4300	0,4200	2	0,4200	0,4200		0	2	253 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,2800		33	0	60 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	46 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,0300		43	0	23 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	6 31-12-2018
O	ASL	ASML Holding NV	15-2-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,9600		53	0	48 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,6100		48	0	1 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	38 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	38,0700		38	0	328 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	100,0000	P	EUR	0,8800	0,8800	0,8800	1	0,8800	0,8400		1	1	202 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	108,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,6000		31	0	0 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	108,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	0 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,8400		29	0	152 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	110,0000	P	EUR	1,7000	1,7000	1,6500	3	1,7000	1,6700		2	16	209 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,0900		27	0	0 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	14 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6800		24	0	0 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	116,0000	P	EUR	2,5500	2,5500	2,5500	1	2,5500	2,5100		3	5	19 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	120,0000	C	EUR	20,2000	20,2000	20,2000	1	20,2000	20,4300		20	1	98 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	120,0000	P	EUR	3,2500	3,3000	3,2500	4	3,3000	3,2600		3	13	379 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	125,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6100		17	0	0 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	125,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600		4	0	2 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	130,0000	C	EUR	12,7700	13,4900	12,5500	16	13,4900	13,1400		13	171	254 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	130,0000	P	EUR	6,3000	6,3000	5,9500	7	6,1000	6,0100		6	22	379 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	135,0000	C	EUR	10,0000	10,0000	10,0000	1	10,0000	10,1100		10	1	15 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	135,0000	P	EUR	8,4000	8,4000	8,1000	3	8,1000	7,9800		8	6	17 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	140,0000	C	EUR	7,2500	7,7000	7,2500	11	7,4500	7,5400		8	41	404 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4300		10	0	1059 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	145,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4900		5	0	2 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	145,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4100		13	0	1 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	150,0000	C	EUR	3,8500	3,9900	3,7700	4	3,9000	3,8700		4	7	1164 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	150,0000	P	EUR	17,3500	17,3500	16,8500	2	16,8500	16,7800		17	2	975 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	155,0000	C	EUR	2,6800	2,6800	2,5700	2	2,5700	2,6900		3	51	190 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5900		21	0	27 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	160,0000	C	EUR	1,7900	1,8000	1,7700	6	1,8000	1,8400		2	14	1609 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	160,0000	P	EUR	25,3000	25,3000	25,3000	1	25,3000	24,7400		25	1	848 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	170,0000	C	EUR	0,9100	0,9100	0,9100	1	0,9100	0,8800		1	2	1469 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,7900		34	0	402 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	180,0000	C	EUR	0,4900	0,4900	0,4900	1	0,4900	0,4600		0	1	842 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	180,0000	P	EUR	44,2000	44,2000	44,2000	1	44,2000	43,3900		43	2	306 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	190,0000	C	EUR	0,2500	0,2600	0,2500	2	0,2600	0,2500		0	2	756 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,1800		53	0	174 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	200,0000	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1500		0	50	1029 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	200,0000	P	EUR	62,7000	62,7000	62,7000	2	62,7000	63,0700		63	4	327 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	495 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	83,0200		83	0	314 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	352 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	113,0200		113	0	238 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	26 31-12-2018
O	ASL	ASML Holding NV	15-3-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	163,0500		163	0	273 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	57,7200		58	0	11 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	518 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	48,1900		48	0	34 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	486 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	39,0000		39	0	29 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	1088 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,4400		30	0	206 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	110,0000	P	EUR	4,2400	4,2400	4,0400	4	4,0400	4,0700		4	8	1444 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6900		23	0	198 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	120,0000	P	EUR	6,5000	6,5000	6,5000	1	6,5000	6,5600		7	10	2222 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0400		16	0	33 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1400		10	0	187 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7900		11	0	531 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0600		15	0	1730 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	150,0000	C	EUR	6,6700	6,9500	6,6000	8	6,9000	6,8900		7	78	2310 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3100		21	0	1500 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	160,0000	C	EUR	4,0900	4,3000	4,0900	3	4,3000	4,2700		4	4	3710 31-12-2018
O	ASL	ASML Holding NV	21-6-2019	160,0000	P	EUR	29,7000	29,7000	28,7000	4	29,0000	28,7400		4	1887	31-12-2018
O	ASL	ASML Holding NV	21-6-2019	170,0000	C	EUR	2,6000	2,6000	2,5500	2	2,5500	2,6000				

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1330	31-12-2018
O	ASL	ASML Holding NV	21-6-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	114,8000	115	0	27	31-12-2018
O	ASL	ASML Holding NV	21-6-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	178	31-12-2018
O	ASL	ASML Holding NV	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	164,7500	165	0	80	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6600	49	0	0	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2700	2	0	0	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	39,8700	40	0	24	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7100	4	0	190	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,6900	32	0	15	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	110,0000	P	EUR	6,0000	6,0000	6,0000	2	6,0000	5,7600	4	4	71	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,3700	24	0	24	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	120,0000	P	EUR	8,9000	8,9000	8,9000	1	8,9000	8,6600	9	0	177	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1700	18	0	88	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6100	13	0	56	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1200	13	0	109	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6400	18	0	382	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1900	9	0	121	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,7900	24	0	121	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2900	6	0	486	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9600	31	0	206	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	87	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,9400	39	0	124	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	180,0000	C	EUR	2,7500	2,8500	2,7500	3	2,8500	2,8600	3	6	205	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,6000	48	0	114	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	715	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,0700	66	0	1	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	184	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,5100	86	0	0	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	247	31-12-2018
O	ASL	ASML Holding NV	20-9-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	115,2000	115	0	23	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	97,2500	97	0	206	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	40,0000	P	EUR	0,1400	0,1500	0,1400	3	0,1500	0,1500	0	11	615	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	87,3500	87	0	99	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	719	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	60,0000	C	EUR	77,4800	77,4800	77,4800	1	77,4800	77,5000	78	1	5	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	60,0000	P	EUR	0,7000	0,7000	0,7000	1	0,7000	0,6600	1	1	239	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	67,8200	68	0	4	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	70,0000	P	EUR	1,2000	1,2000	1,2000	1	1,2000	1,1700	1	1	215	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	58,3600	58	0	36	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	957	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	49,3300	49	0	324	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900	3	0	280	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	100,0000	C	EUR	40,5500	41,2000	40,5500	5	40,6000	40,8100	41	19	1114	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	100,0000	P	EUR	4,9500	4,9500	4,9500	1	4,9500	4,9300	5	2	2063	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9900	33	0	0	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400	7	0	15	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	120,0000	C	EUR	26,1000	26,1000	26,1000	1	26,1000	26,0400	26	1	651	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	120,0000	P	EUR	10,7500	10,7500	10,7500	1	10,7500	10,5600	11	2	1761	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	130,0000	C	EUR	20,1000	20,1000	20,1000	2	20,1000	20,0500	20	5	20	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	130,0000	P	EUR	15,0500	15,0500	15,0500	1	15,0500	14,6700	15	1	38	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	140,0000	C	EUR	15,2000	15,2000	15,0500	3	15,0500	15,1200	15	4	766	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7900	20	0	1110	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1400	11	0	858	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,8900	26	0	1402	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	160,0000	C	EUR	8,0500	8,0500	7,9500	3	7,9500	8,1000	8	8	3803	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	160,0000	P	EUR	33,4500	33,4500	33,4500	1	33,4500	32,9200	33	1	3500	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	180,0000	C	EUR	4,0000	4,1000	4,0000	7	4,0000	4,1600	4	9	2182	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,0200	49	0	372	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	200,0000	C	EUR	2,0800	2,1000	2,0800	4	2,1000	2,1000	2	24	2452	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,0800	67	0	211	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	250,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5700	1	1	1178	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	250,0000	P	EUR	115,5700	115,5700	115,5700	1	115,5700	115,6600	116	1	12	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	618	31-12-2018
O	ASL	ASML Holding NV	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	165,5300	166	0	62	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,2100	42	0	2	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0600	7	0	102	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,3700	28	0	12	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	120,0000	P	EUR	13,7000	13,7000	13,7000	1	13,7000	13,7400	14	1	145	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	140,0000	C	EUR	17,5500	17,5500	17,5500	2	17,5500	17,8300	18	3	147	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6200	24	0	535	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6300	11	0	121	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,7700	37	0	81	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1500	6	0	111	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,4700	52	0	34	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	187	31-12-2018
O	ASL	ASML Holding NV	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ASL	ASML Holding NV	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	152 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	59,2800		59	0	76 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	80,0000	P	EUR	4,0900	4,0900	4,0900	1	4,0900	3,8600		4	5	322 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,9700		51	0	87 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9100		6	0	316 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	43,3000		43	0	527 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5600		9	0	256 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,2800		30	0	200 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9200		16	0	428 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	140,0000	C	EUR	20,1500	20,1500	20,1500	2	20,1500	20,1800		20	5	135 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	140,0000	P	EUR	26,1500	26,1500	26,1500	1	26,1500	26,2000		26	1	161 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	150,0000	C	EUR	16,0500	16,0500	16,0500	1	16,0500	16,3000		16	5	291 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	150,0000	P	EUR	32,4500	32,4500	32,4500	1	32,4500	32,4200		32	1	124 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0800		13	0	656 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,2700		39	0	73 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	180,0000	C	EUR	8,2200	8,2200	8,2200	1	8,2200	8,3500		8	1	511 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,6500		55	0	68 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3100		5	0	747 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	71,8000		72	0	63 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	0 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	118,8000		119	0	0 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	316 31-12-2018
O	ASL	ASML Holding NV	18-12-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	168,0900		168	0	6 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,8500		78	0	11 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	60,0000	P	EUR	2,3500	2,3500	2,3500	1	2,3500	2,3000		2	4	151 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	68,7400		69	0	16 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	70,0000	P	EUR	3,9000	3,9000	3,9000	1	3,9000	3,8100		4	5	185 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	80,0000	C	EUR	60,0000	60,0000	60,0000	1	60,0000	60,2500		60	1	73 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8900		6	0	228 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	52,4900		52	0	59 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4600		8	0	269 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,4000		45	0	120 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	100,0000	P	EUR	11,7000	11,7000	11,7000	1	11,7000	11,6900		12	2	365 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	120,0000	C	EUR	33,5500	33,5500	33,2500	2	33,2500	33,3600		33	2	328 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	120,0000	P	EUR	20,2000	20,2000	20,2000	1	20,2000	20,0800		20	1	534 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	140,0000	C	EUR	24,1000	24,1000	24,1000	1	24,1000	23,9600		24	1	184 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,0300		31	0	597 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	150,0000	C	EUR	20,7500	20,7500	19,8000	4	19,8000	20,2600		20	4	308 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,4500		37	0	319 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	160,0000	C	EUR	16,9000	16,9000	16,9000	1	16,9000	17,0600		17	1	168 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	160,0000	P	EUR	44,5000	44,5000	44,5000	1	44,5000	44,3800		44	1	157 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0600		12	0	354 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	59,5800		60	0	25 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5600		9	0	1000 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,2500		76	0	161 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	250,0000	C	EUR	3,7200	3,7200	3,7200	1	3,7200	3,8600		4	1	1 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	122,0700		122	0	0 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600		2	0	381 31-12-2018
O	ASL	ASML Holding NV	17-12-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	170,5300		171	0	80 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	78,0400		78	0	11 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200		3	0	426 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	61,2200		61	0	0 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6100		8	0	0 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	53,8600		54	0	85 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6700		11	0	505 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	100,0000	C	EUR	47,3400	47,3400	47,3400	1	47,3400	47,3000		47	1	14 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	100,0000	P	EUR	14,3200	14,3200	14,1000	2	14,1000	14,3500		14	2	43 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,9100		36	0	39 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,3800		23	0	105 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	140,0000	C	EUR	26,8000	27,0700	26,8000	2	27,0700	26,9400		27	3	402 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	140,0000	P	EUR	34,8000	34,8000	34,6000	4	34,7900	34,8300		35	6	529 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	160,0000	C	EUR	19,9200	20,1000	19,9200	2	20,1000	20,1300		20	3	712 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	160,0000	P	EUR	48,4000	48,4000	48,4000	1	48,4000	48,2300		48	1	258 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	180,0000	C	EUR	15,0000	15,0000	15,0000	1	15,0000	14,9800		15	10	390 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	63,3500		63	0	312 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	200,0000	C	EUR	11,0000	11,0000	11,0000	1	11,0000	11,2400		11	3	831 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,7100		80	0	104 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6000		6	0	1 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	124,7100		125	0	0 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	300,0000	C	EUR	3,3000	3,3000	2,7700	4	3,0800	2,9300		3	9	687 31-12-2018
O	ASL	ASML Holding NV	16-12-2022	300,0000	P	EUR	172,1100	172,1100	172,1100	1	172,1100	172,3100		172	1	193 31-12-2018
O	ASL	ASML Holding NV	15-12-2023	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	78,3000		78	0	0 31-12-2018
O	ASL	ASML Holding NV	15-12-2023	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500		4	0	0 31-12-2018
O	ASL	ASML Holding NV	15-12-2023	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	62,6000		63	0	0 31-12-2018
O	ASL	ASML Holding NV	15-12-2023	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8900		9	0	1 31-12-2018
O	AS															

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	15-12-2023	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6200	8	0	0	31-12-2018
O	ASL	ASML Holding NV	15-12-2023	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	126,5600	127	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4000	7	0	1	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	29,0000	P	EUR	0,1800	0,1800	0,1800	1	0,1800	0,2100	0	20	355	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4600	6	0	64	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	296	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	55	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	32,0000	P	EUR	0,5500	0,5500	0,4300	3	0,4300	0,4200	0	7	295	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	33,0000	C	EUR	3,3000	3,3000	3,3000	2	3,3000	3,7300	4	20	12	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	33,0000	P	EUR	0,7000	0,7000	0,7000	2	0,7000	0,5400	1	2	32	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	34,0000	C	EUR	2,9500	2,9500	2,9500	1	2,9500	2,9300	3	15	271	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	34,0000	P	EUR	1,0000	1,0000	0,9500	3	0,9500	0,7400	1	14	142	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	35,0000	C	EUR	2,0500	2,0500	2,0500	1	2,0500	2,2300	2	1	182	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	111	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	36,0000	C	EUR	1,4000	1,6000	1,4000	2	1,6000	1,6100	2	2	200	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	36,0000	P	EUR	1,5000	1,5000	1,5000	2	1,5000	1,4200	1	2	69	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	37,0000	C	EUR	0,9000	1,0400	0,9000	2	1,0400	1,1000	1	2	269	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	37,0000	P	EUR	2,4000	2,4000	2,0500	2	2,0500	1,9000	2	14	55	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	38,0000	C	EUR	0,5500	0,7000	0,5500	5	0,7000	0,7100	1	19	264	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	92	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	39,0000	C	EUR	0,3800	0,4400	0,3800	3	0,4400	0,4600	0	7	128	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	39,0000	P	EUR	3,8500	3,8500	3,8500	1	3,8500	3,2600	3	10	61	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	219	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	40,0000	P	EUR	4,7000	4,7000	4,7000	1	4,7000	4,0900	4	10	39	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	41,0000	C	EUR	0,1600	0,1600	0,1300	2	0,1300	0,1700	0	12	312	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800	5	0	42	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	142	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9000	6	0	76	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	164	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8700	7	0	13	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	68	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8400	8	0	103	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	74	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8200	10	0	115	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	22	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8100	12	0	32	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	54	54	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	18-1-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8100	14	0	24	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800	8	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	261	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7800	7	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	30,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,5900	1	1	111	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000	5	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	32,0000	P	EUR	0,9500	0,9500	0,9500	1	0,9500	0,9100	1	1	162	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3200	4	0	2	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	33,0000	P	EUR	1,3000	1,3000	1,2000	3	1,2000	1,1400	1	3	6	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	3	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	34,0000	P	EUR	1,6500	1,6500	1,6500	1	1,6500	1,4100	1	1	123	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400	3	0	10	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	105	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	36,0000	C	EUR	2,0000	2,3000	2,0000	4	2,3000	2,3400	2	4	46	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	36,0000	P	EUR	2,3000	2,3000	2,3000	1	2,3000	2,1500	2	1	37	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	37,0000	C	EUR	1,5000	1,5000	1,5000	1	1,5000	1,8600	2	2	27	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700	3	0	63	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	38,0000	C	EUR	1,2000	1,2000	1,2000	1	1,2000	1,4400	1	1	85	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600	3	0	44	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	39,0000	C	EUR	0,9500	0,9500	0,9500	1	0,9500	1,0900	1	1	31	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100	4	0	32	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	40,0000	C	EUR	0,7500	0,7500	0,7500	2	0,7500	0,8400	1	3	94	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6600	5	0	5	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	41,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6400	1	1	65	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600	5	0	10	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	42,0000	C	EUR	15,4500	0,4500	0,4500	4	0,4500	0,4700	0	31	104	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2900	6	0	10	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	17	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0800	8	0	6	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	11	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9700	10	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6400	11	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	128	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	27,5500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2300	9	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	27,5500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	143	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9800	8	0	0	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	29,0000	P	EUR	0,9000	0,9000	0,9000	1	0,9000	0,7900	1	1	4	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500	7	0	100	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700	1	0	292	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	32,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500	5	0	104	31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	32,1400	P	EUR	1,4000	1,4000	1,4000	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	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	36,7300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	217 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	36,7300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	416 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	38,5700	C	EUR	1,6000	1,7000	1,6000	2	1,7000	1,8500		2	3	197 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	38,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	248 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	40,4000	C	EUR	1,1500	1,2000	1,1500	2	1,2000	1,2900		1	2	443 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	40,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	417 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	41,3200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	214 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	41,3200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	175 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	42,2400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	417 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	42,2400	P	EUR	7,2500	7,2500	7,2500	1	7,2500	6,9600		7	2	485 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	44,0700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	533 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	44,0700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4800		8	0	243 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	45,9100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	553 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	45,9100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1400		10	0	306 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	47,7500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	621 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	47,7500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8500		12	0	143 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	49,5800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	555 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	49,5800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6000		14	0	105 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	51,4200	C	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1400		0	1	206 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	51,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3900		15	0	439 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	55,0900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	204 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	55,0900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0100		19	0	219 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8500		24	0	24 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	64,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	32 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	64,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1300		28	0	42 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	73,4600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	46 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	15-3-2019	73,4600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3100		37	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9600		11	0	27 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	231 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2700		9	0	15 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	28,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,3900		1	1	289 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100		8	0	79 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	285 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2700		6	0	21 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100		3	0	148 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100		5	0	150 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	91 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	186 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	35,0000	P	EUR	4,0000	4,0000	4,0000	1	4,0000	3,7700		4	1	431 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	349 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800		4	0	97 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400		3	0	167 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4300		5	0	169 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	40,0000	C	EUR	2,2500	2,2500	2,2500	1	2,2500	2,3000		2	1	247 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7200		7	0	690 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200		2	0	151 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1800		8	0	335 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600		1	0	126 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7500		10	0	347 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	192 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4400		11	0	283 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	404 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2000		13	0	170 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	673 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0400		15	0	478 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	193 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7700		20	0	234 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	69 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,6600		25	0	83 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1100		11	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	10 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4800		9	0	2 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	30,0000	C	EUR	7,5500	7,5500	7,5500	1	7,5500	7,9900		8	20	22 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	30,0000	P	EUR	2,6000	2,6000	2,6000	1	2,6000	2,3600		2	2	13 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6100		7	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300		3	0	1 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	34,0000	C	EUR	5,0000	5,0000	5,0000	1	5,0000	5,4200		5	1	6 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800		4	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800		4	0	3 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	36,0000	P	EUR	5,1000	5,1000	5,1000	1	5,1000	4,8700		5	1	9 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	38,0000	C	EUR	3,2000	3,4500	3,2000	3	3,4500	3,5300		4	22	22 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0400		6	0	0 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	40,0000	C	EUR	2,5500	2,6500	2,5500	2	2,6500	2,7700		3	25	33 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	40,0000	P	EUR	7,5000	7,5000	7,5000	1	7,5000	7,3100		7	2	3 31-12-2018
O	ASM	ASM INTERNATIONAL N.V.	20-9-2019	45,0000	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	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	36,7300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	16 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	36,7300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	328 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	38,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	37 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	38,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	114 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	40,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	62 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	40,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	53 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	41,3200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	80 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	41,3200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	99 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	42,2400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	51 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	42,2400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600		7	0	56 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	44,0700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	97 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	44,0700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4800		8	0	94 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	45,9100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	109 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	45,9100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1400		10	0	167 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	47,7500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	187 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	47,7500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8500		12	0	45 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	49,5800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	80 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	49,5800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6000		14	0	36 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	51,4200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	83 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	51,4200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3900		15	0	66 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	55,0900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	137 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	55,0900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0100		19	0	32 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	64,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	64,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1300		28	0	30 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	73,4600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018
O	ASO	ASM INTERNATIONAL N.V. OLD	15-3-2019	73,4600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3100		37	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5800		6	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000		5	0	2 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	32,0000	C	EUR	2,9500	2,9500	2,9500	1	2,9500	2,7400		3	1	2 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	15 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	1 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	33,0000	P	EUR	0,2700	0,2700	0,2700	1	0,2700	0,3400		0	5	66 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	15 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	34,0000	P	EUR	0,5200	0,5400	0,5200	2	0,5400	0,5900		1	8	34 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	35,0000	C	EUR	0,6700	0,8500	0,6700	3	0,8500	0,6300		1	11	74 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	26 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	36,0000	C	EUR	0,3700	0,3700	0,3700	2	0,3700	0,3100		0	2	36 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400		2	0	50 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	37,0000	C	EUR	0,1800	0,1800	0,1800	1	0,1800	0,1500		0	2	38 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	37,0000	P	EUR	2,3800	2,3800	2,3800	1	2,3800	2,5700		3	1	34 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	38,0000	C	EUR	0,0800	0,1000	0,0800	2	0,1000	0,0700		0	6	25 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	40 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	39,0000	C	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0400		0	2	9 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4700		4	0	19 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	45 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	40,0000	P	EUR	5,0000	5,0000	5,0000	1	5,0000	5,4500		5	5	16 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	33 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4400		6	0	20 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	42,0000	C	EUR	0,0300	0,0300	0,0300	3	0,0300	0,0100		0	4	21 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4300		7	0	20 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4300		8	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	13 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4300		9	0	21 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4300		11	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4300		13	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7400		6	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	30,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	4,8000		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	45 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600		3	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	57 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	1 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	0	36 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	75 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	11 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	36,0000	C	EUR	0,8000	0,9400	0,8000	5	0,9400	0,7300		1	54	67 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1700		2	0	31 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100		3	0	23 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	38,0000	C	EUR	0,0000	0,000								

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ASR	ASR Nederland - Stock Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4700		7	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4500		9	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4400		11	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	30	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4400		13	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6400		9	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	5	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7800		7	0	23 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	15	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8600		6	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	20 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	125	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500		3	0	5 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	51 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	33,0000	P	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0600		1	1	6 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	34,0000	C	EUR	2,0700	2,0700	2,0700	1	2,0700	1,9900		2	1	25 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	129 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	35,0000	C	EUR	1,5000	1,5000	1,5000	1	1,5000	1,4600		1	2	2 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	430 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200		3	0	204 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	38,0000	C	EUR	0,5700	0,5700	0,5500	2	0,5500	0,5500		1	3	119 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	552 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	39,0000	C	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3900		0	1	456 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400		5	0	54 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	218 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7200		6	0	628 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	61 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6400		7	0	24 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	404 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5800		8	0	47 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	36 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5300		9	0	13 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	44,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	114 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5000		10	0	40 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	277 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4800		10	0	56 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	1 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4700		11	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4600		12	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	7	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4600		13	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	27	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4600		15	0	6 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	4	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,4600		20	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7700		9	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400		7	0	5 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	2 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2500		5	0	20 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	0	87 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700		4	0	3 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200		2	0	23 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600		3	0	7 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700		3	0	71 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400		2	0	34 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	35,0000	P	EUR	3,3200	3,3200	3,3200	1	3,3200	3,3200		3	19	98 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	36,0000	C	EUR	1,8000	1,8000	1,8000	1	1,8000	1,6400		2	2	26 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	36,0000	P	EUR	3,9500	3,9500	3,9500	2	3,9500	3,9800		4	18	63 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	474 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700		5	0	162 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	123 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500		7	0	107 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	37 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	42,0000	P	EUR	8,8000	8,8000	8,8000	1	8,8000	8,9700		9	10	201 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	66 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8600		11	0	51 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	14 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7900		13	0	2 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	8	0 31-12-2018
O	ASR	ASR Nederland - Stock Option	21-6-2019	48,0000	P	EUR	0,0000	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	ATC	Altice Europe - Stock Option	15-3-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	80	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	10	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	5	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	101	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	227	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,6000	C	EUR	0,3200	0,3200	0,3200	1	0,3200	0,3300	0	20	61	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	29	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	1	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,7000	P	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2700	0	100	100	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	227	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	140	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	1,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,0000	C	EUR	0,1800	0,1800	0,1800	1	0,1800	0,1700	0	25	292	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	1556	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	465	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300	1	0	115	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	1074	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	141	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	351	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	329	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	519	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	422	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	230	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	3,0000	P	EUR	1,3300	1,3300	1,3300	1	1,3300	1,3700	1	1	103	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	184	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500	2	0	7	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	20	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400	2	0	4	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	200	31-12-2018
O	ATC	Altice Europe - Stock Option	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8200	3	0	20	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	112	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	20	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,2000	P	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1700	0	1	258	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	1	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	112	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	68	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	23	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	10	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,8000	C	EUR	0,3300	0,3600	0,3300	3	0,3600	0,3400	0	6	81	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	1,8000	P	EUR	0,4700	0,4700	0,4700	1	0,4700	0,4400	0	1	126	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,0000	C	EUR	0,2700	0,2700	0,2600	2	0,2600	0,2800	0	20	385	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	249	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	311	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	214	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	692	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	393	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,6000	C	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1700	0	20	195	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	553	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	812	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	282	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	425	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	237	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	606	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000	2	0	197	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	32	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700	2	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	800	31-12-2018
O	ATC	Altice Europe - Stock Option	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600	3	0	4	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	66	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	340	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,0000	P	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1700	0	1	103	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	2	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,2000	P	EUR	0,2200	0,2500	0,2200	4	0,2500	0,2300	0	8	28	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	ATC	Altice Europe - Stock Option	20-9-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	64	

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ATC	Alice Europe - Stock Option	20-9-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	435	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	302	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	302	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	148	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	183	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	107	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	140	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300	1	0	79	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	3,0000	C	EUR	0,2200	0,2200	0,2000	3	0,2000	0,2000	0	4	429	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	3	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	622	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	209	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	171	31-12-2018
O	ATC	Alice Europe - Stock Option	20-9-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4500	2	0	87	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200	1	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	22	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,0000	P	EUR	0,1800	0,2000	0,1800	6	0,2000	0,2000	0	6	6	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,4000	C	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6700	1	1	55	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,4000	P	EUR	0,3700	0,3800	0,3700	2	0,3800	0,3700	0	2	22	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,6000	C	EUR	0,5900	0,5900	0,5800	2	0,5800	0,5800	1	15	38	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,6000	P	EUR	0,4800	0,5000	0,4700	8	0,4800	0,4900	0	19	54	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,8000	C	EUR	0,5100	0,5100	0,5000	3	0,5000	0,5100	1	6	6	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	5	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	59	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	103	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400	1	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	3	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	0	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	2	31-12-2018
O	ATC	Alice Europe - Stock Option	20-12-2019	3,5000	P	EUR	2,0200	2,0200	2,0200	2	2,0200	2,0100	2	30	30	31-12-2018
F	AW6	Aurubis AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	43,2114	43	0	0	31-12-2018
F	AW6	Aurubis AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	43,1993	43	0	0	31-12-2018
F	AW6	Aurubis AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6412	42	0	0	31-12-2018
F	AW6	Aurubis AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6044	42	0	0	31-12-2018
F	AW6	Aurubis AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,5762	42	0	0	31-12-2018
F	AW6	Aurubis AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,5522	42	0	0	31-12-2018
F	AW6	Aviva - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	375,6400	376	0	0	31-12-2018
F	AW6	Aviva - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	375,8800	376	0	0	31-12-2018
F	AW6	Aviva - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	376,2000	376	0	0	31-12-2018
F	AW6	Aviva - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	356,2100	356	0	0	31-12-2018
F	AW6	Aviva - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	346,9000	347	0	0	31-12-2018
F	AW6	Aviva - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	347,8100	348	0	0	31-12-2018
F	AW8	Aviva - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	32,2000	32	0	0	31-12-2018
F	AW8	Aviva - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	36,5000	37	0	0	31-12-2018
F	AW8	Aviva - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,5000	41	0	0	31-12-2018
F	AW8	Aviva - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	44,0000	44	0	0	31-12-2018
F	AW8	Aviva - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	44,0000	44	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	49,3702	49	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	49,3563	49	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	49,3469	49	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,2044	47	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,1726	47	0	0	31-12-2018
F	AX6	Axel Springer SE - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,1454	47	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,4024	38	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,3916	38	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,3843	38	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,6520	36	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,6280	36	0	0	31-12-2018
F	AY6	Sampo A - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,3076	35	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	AY8	Sampo A - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	175,1052	175	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	175,0561	175	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	175,0226	175	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	167,6705	168	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	167,5574	168	0	0	31-12-2018
F	AZ6	Allianz SE - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	167,4610	167	0	0	31-12-2018
F	AZ8	Allianz - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,3750	8	0	12	31-12-2018
F	AZ8	Allianz - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,5000	9	0	0	31-12-2018
F	AZ8	Allianz - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000	8	0	0	31-1

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AZQ	Allianz - Stock Option	15-2-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,9800		35	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,2700		45	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,6800		36	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,4600		26	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	174	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6600		18	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6100		14	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700		4	0	42 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	168,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4300		11	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	168,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900		4	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0100		10	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	172,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6700		9	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	172,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6400		6	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	174,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5700		8	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	174,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400		7	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9000		7	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8700		7	2	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	176,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4200		6	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	176,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3900		7	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	178,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4200		5	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	178,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000		8	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5200		5	3	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4900		9	0	6 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7000		3	0	50 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6800		13	0	13 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	4 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,5000		17	0	17 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	7 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7600		21	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	5	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3700		25	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	3 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	205,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,1800		30	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	37 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,0900		35	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,0200		45	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,0200		55	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	65,0200		65	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	260,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	15-3-2019	260,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,0300		85	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1700		75	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,4300		55	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6900		46	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,1100		36	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,9100		27	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5000		5	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5700		19	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1700		7	35	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8900		15	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0900		9	0	50 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6100		12	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4200		11	0	33 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7600		9	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1400		14	0	106 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3500		6	0	15 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2600		17	0	34 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4300		4	0	11 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7700		21	0	25 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700		3	0	25 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,6600		25	0	1 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,9000		29	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	1 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,4200		33	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	205,0000	P	EUR	0,0000	0,0000	0,000							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AZQ	Allianz - Stock Option	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	82,4700	82	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	132,5400	133	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,2900	45	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,8500	36	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200	3	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2900	27	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700	6	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,3400	19	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3400	9	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9500	16	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4600	11	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0500	13	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0600	14	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8700	10	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2700	16	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5200	8	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,2500	19	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500	6	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6500	23	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1500	4	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,3400	26	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000	3	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,3300	30	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200	2	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,8300	35	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	205,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,2000	39	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,7200	44	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,1600	53	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-9-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	62,8700	63	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1400	75	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,2300	55	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6700	46	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,6700	37	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500	6	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8400	28	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800	8	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3700	20	5	1	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2600	11	0	1	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8600	17	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1400	13	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1300	14	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8300	16	2	2	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5400	12	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4900	18	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7600	9	2	2	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9300	21	0	3	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400	7	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2900	24	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3900	5	1	1	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8400	28	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100	4	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,6500	32	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	4	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,0400	36	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,6300	45	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,7900	54	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	73,0700	73	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	82,9400	83	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	132,9200	133	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1400	75	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	120												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AZQ	Allianz - Stock Option	19-6-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8600		22	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6000		11	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,5200		29	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5400		9	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,8600		32	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9000		7	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,5200		36	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6200		6	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,4700		39	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700		5	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,7500		44	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900		3	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,4000		52	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600		2	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,5100		62	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	80,6000		81	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	90,4100		90	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	AZQ	Allianz - Stock Option	19-6-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	140,3000		140	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	75,1400		75	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,1700		55	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2700		4	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,2900		36	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8200		10	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,0500		28	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5500		14	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3000		21	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4100		18	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,5000		16	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6100		24	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3500		11	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,1200		30	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0500		8	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,2400		37	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,9700		45	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100		4	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,4400		53	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	62,3800		62	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	81,1100		81	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-12-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	140,2600		140	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,1700		55	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0800		7	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,3000		36	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7200		14	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1700		28	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1100		18	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3600		21	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,2700		23	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9100		16	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,2200		29	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6500		12	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,9300		36	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000		8	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,3300		43	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	51,3700		51	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800		4	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	60,0700		60	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100		3	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	69,1500		69	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	97,5600		98	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	31-12-2018
O	AZQ	Allianz - Stock Option	18-6-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	146,8300		147	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,1900		55	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6000		9	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,5000		37	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4900		15	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,6200		29	0	31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9700		20	0	31-12-2018
O	AZQ	Allianz - Stock 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	AZQ	Allianz - Stock Option	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9300		7	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,7000		53	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,0100		70	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	AZQ	Allianz - Stock Option	17-12-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	146,9100		147	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,6346		5	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,6333		5	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,6324		5	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,4784		4	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,4754		4	0	0 31-12-2018
F	BA6	Banco Bilbao Vizcaya Argentina SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,3678		4	0	0 31-12-2018
F	BA8	Banco Bilbao Vizcaya Argentina - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	0 31-12-2018
F	BA8	Banco Bilbao Vizcaya Argentina - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
F	BA8	Banco Bilbao Vizcaya Argentina - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
F	BA8	Banco Bilbao Vizcaya Argentina - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
F	BA8	Banco Bilbao Vizcaya Argentina - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	3 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,0000	P	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0400		0	1	64 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	12 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	52 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	38 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	101 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	19 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,4000	P	EUR	0,1000	0,1000	0,0900	2	0,0900	0,0900		0	22	1152 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,5000	C	EUR	0,1400	0,1400	0,1400	2	0,1400	0,1400		0	2	213 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,5000	P	EUR	0,1200	0,1200	0,1100	4	0,1100	0,1300		0	15	231 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,6000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0900		0	1	129 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	938 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	1495 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	29 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	75 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	86 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	8 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	2,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	27 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	242 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,0000	P	EUR	0,5500	0,5500	0,5500	1	0,5500	0,4900		0	4	223 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	86 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	33 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	222 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	153 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	7 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	407 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	55 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	138 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	40 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	74 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-1-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	85 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	187 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	2 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,2000	P	EUR	0,1100	0,1100	0,1100	1	0,1100	0,1100		0	1	109 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,3000	P	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1400		0	1	6 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	57 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,5000	C	EUR	0,1900	0,2100	0,1900	2	0,2100	0,2000		0	11	80 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,5000	P	EUR	0,2100	0,2100	0,2100	2	0,2100	0,1900		0	18	574 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,6000	C	EUR	0,1500	0,1500	0,1500	3	0,1500	0,1500		0	4	103 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	77 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,7000	C	EUR	0,1000	0,1100	0,1000	7	0,1100	0,1100		0	7	81 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	57 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	127 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	41 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	43 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	2,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	131 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	356 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	29 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	207 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	5 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	41 31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	15-2-2019	3,4000	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	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	38 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,0000	P	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1300		0	1	4787 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	20 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,2000	P	EUR	0,1800	0,1800	0,1800	1	0,1800	0,1800		0	1	2354 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	151 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	23 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	173 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,5000	C	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2900		0	2	1504 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,5000	P	EUR	0,2900	0,2900	0,2700	4	0,2800	0,2700		0	7	754 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	400 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	754 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,8000	C	EUR	0,1400	0,1400	0,1400	3	0,1400	0,1400		0	4	422 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	141 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	1374 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	748 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	768 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	1801 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	1177 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	1058 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	1041 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	958 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2618 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	455 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1359 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,0000	P	EUR	1,5000	1,5000	1,5000	1	1,5000	1,5000		2	2	3033 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	591 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	283 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	293 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	819 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	372 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	717 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	144 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900		2	0	2015 31-12-2018
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 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	287 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400		2	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	0 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	730 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	618 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	320 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	1156 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	30 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,2000	P	EUR	0,2900	0,2900	0,2900	1	0,2900	0,2900		0	1	75 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	3 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	122 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	156 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	197 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,5000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,3600		0	2	3654 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,5000	P	EUR	0,4200	0,4200	0,4200	1	0,4200	0,4200		0	5	15966 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	230 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	167 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,8000	C	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2300		0	2	779 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	451 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	8150 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	4782 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	957 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	1077 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	453 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	644 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,5000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0800		0	3	4895 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	0	2549 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	370 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,6000	P	EUR	1,2200	1,2200	1,2200	1	1,2200	1,2400		1	2	2909 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	1488 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	3,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	212 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	4,0000	C	EUR	0,0200	0,0300	0,0200	3	0,0300	0,0400		0	10	6247 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	4,0000	P	EUR	1,6500	1,6500	1,6500	2	1,6500	1,6100		2	32	2772 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	4,5000	C	EUR	0,0300	0,0300	0,0300	2	0,0300	0,0300		0	3	5275 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	4729 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	6706 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	4794 31-12-2018
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	5049 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900		4	0	2017 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2848 31-12-2018
O	BAM	Koninklijke BAM Groep N.V	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5800		6	0	2339 31-

Instrument Type*	Instrument Trading Symbol	Instrument Name	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.	20-9-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	916	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	3	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	233	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,5000	C	EUR	0,4000	0,4300	0,4000	2	0,4300	0,4200	0	4	73	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	749	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,6000	C	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3700	0	1	289	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	21	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	232	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	178	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,0000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2200	1	2	373	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	0	0	2401	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	131	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	4673	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,4000	C	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1200	0	4	139	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	553	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	321	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	125	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	63	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	611	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	18	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200	2	0	47	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	10	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-9-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	704	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	0	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	4	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300	1	0	94	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	484	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,0000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7600	1	1	2045	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	10197	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	150	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	127	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	118	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	34	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	20	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	606	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,5000	C	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4600	0	1	781	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,5000	P	EUR	0,5500	0,5500	0,5300	3	0,5500	0,5400	1	3	1933	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,6000	C	EUR	0,4400	0,4400	0,4400	1	0,4400	0,4300	0	13	174	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	0	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	3,0000	C	EUR	0,2600	0,2700	0,2600	2	0,2700	0,2700	0	5	4729	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	3850	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	8454	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	3,5000	P	EUR	1,2500	1,2500	1,2500	2	1,2500	1,2500	1	4	3113	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	4,0000	C	EUR	0,0900	0,0900	0,0900	2	0,0900	0,0800	0	75	8425	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	3600	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	2762	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	4,5000	P	EUR	2,1500	2,1500	2,1500	1	2,1500	2,1300	2	5	3772	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	785	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200	3	0	1556	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	3533	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	20-12-2019	6,0000	P	EUR	3,6000	3,6000	3,6000	1	3,6000	3,6000	4	13	1350	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	11	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	7	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	154	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	1991	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	2,0000	C	EUR	0,8000	0,8000	0,8000	1	0,8000	0,8100	1	9	704	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	6077	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	2,5000	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5500	1	2	5212	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	2,5000	P	EUR	0,6500	0,6500	0,6500	2	0,6500	0,6900	1	807	3423	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	3,0000	C	EUR	0,3500	0,3500	0,3400	2	0,3400	0,3400	0	801	2410	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	3,0000	P	EUR	1,0000	1,0000	1,0000	1	1,0000	0,9900	1	4	3604	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	4420	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700	1	0	803	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	5299	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900	2	0	694	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	1096	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	694	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	2795	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300	3	0	993	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	2555	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	19-6-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7000	4	0	591	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-12-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	50	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-12-2020	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	320	31-12-2018
O	BAM	Koninklijke BAM Groep N.V.	18-12-2020	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1			

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4800		7	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	12,0000	C	EUR	6,4000	6,4000	6,4000	1	6,4000	6,4800		6	1	7 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4800		5	0	3 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	29 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100		5	0	71 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	14,0000	P	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0300		0	1	134 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300		4	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	54 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		0	0	203 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	316 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	15,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700		3	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	15,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	2 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100		3	0	275 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	16,0000	P	EUR	0,1500	0,1500	0,1500	2	0,1500	0,1400		0	10	614 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	16,5000	C	EUR	2,1500	2,1500	2,1500	1	2,1500	2,1700		2	20	38 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	16,5000	P	EUR	0,2300	0,2300	0,2000	2	0,2000	0,1900		0	6	421 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	17,0000	C	EUR	1,6000	1,6000	1,6000	1	1,6000	1,7500		2	1	235 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	17,0000	P	EUR	0,3000	0,3200	0,2800	7	0,3200	0,2800		0	13	269 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	17,5000	C	EUR	1,2500	1,3500	1,2500	3	1,2900	1,3700		1	3	129 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	17,5000	P	EUR	0,4500	0,4500	0,4000	5	0,4100	0,3900		0	27	247 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	18,0000	C	EUR	0,9000	0,9500	0,9000	2	0,9500	1,0300		1	11	1038 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	18,0000	P	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5500		1	5	453 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	18,5000	C	EUR	0,7000	0,8000	0,6000	9	0,8000	0,7400		1	21	616 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	234 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	19,0000	C	EUR	0,4600	0,5500	0,4400	20	0,5500	0,5200		1	102	487 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	19,0000	P	EUR	1,0500	1,0500	1,0000	5	1,0000	1,0400		1	23	190 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	19,5000	C	EUR	0,3000	0,3700	0,3000	4	0,3700	0,3600		0	23	612 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3900		1	0	48 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	20,0000	C	EUR	0,2100	0,2300	0,2100	13	0,2200	0,2400		0	49	573 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	20,0000	P	EUR	1,8500	1,8500	1,8500	1	1,8500	1,7700		2	2	117 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	205 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900		2	0	5 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	21,0000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,1100		0	1	253 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6400		3	0	95 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	88	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5800		4	0	35 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	23,0000	C	EUR	0,0400	0,0400	0,0400	2	0,0400	0,0200		0	2	73 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500		5	0	21 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	211 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5300		6	0	17 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700		6	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6300		5	0	20 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	14,0000	P	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1600		0	1	223 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7200		4	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	186 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800		3	0	51 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	126 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900		2	0	0 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	4 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	105 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	195 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	17,5000	C	EUR	1,7000	1,7500	1,7000	3	1,7500	1,7700		2	6	38 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	68 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	18,0000	C	EUR	1,4500	1,4500	1,4500	2	1,4500	1,4700		1	30	83 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	18,0000	P	EUR	1,0000	1,0000	1,0000	2	1,0000	1,0000		1	3	425 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	18,5000	C	EUR	1,1000	1,1500	1,1000	2	1,1500	1,2000		1	14	153 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	81 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	19,0000	C	EUR	0,9500	1,0000	0,9500	2	1,0000	1,0000		1	14	478 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	38 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	19,5000	C	EUR	0,7500	0,8000	0,7500	3	0,8000	0,8000		1	7	61 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300		2	0	39 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	20,0000	C	EUR	0,6000	0,6000	0,5500	3	0,6000	0,6200		1	5	179 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	125 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	24 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5400		3	0	4 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	21,0000	C	EUR	0,4000	0,4100	0,4000	3	0,4100	0,4000		0	3	389 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	31 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	22,0000	C	EUR	0,2400	0,2600	0,2400	3	0,2600	0,2500		0	9	68 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	49 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	22 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900		5	0	51 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5200		10	0	1 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500				

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	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	15,0000	P	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5200	1	2	574	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200	3	0	1314	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	16,0000	P	EUR	0,8000	0,8000	0,7000	2	0,7000	0,7500	1	11	1654	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	0	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	51	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	916	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	17,0000	P	EUR	1,1000	1,1000	1,1000	2	1,1000	1,0500	1	15	1152	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	17,5000	C	EUR	2,1700	2,1700	2,1700	1	2,1700	2,2200	2	1	2	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	17,5000	P	EUR	1,3000	1,3000	1,3000	1	1,3000	1,2500	1	1	92	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	18,0000	C	EUR	1,8000	1,9200	1,8000	6	1,9200	1,9200	2	26	1686	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	18,0000	P	EUR	1,5000	1,5000	1,4500	2	1,4500	1,4600	1	3	1600	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	0	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	18,5000	P	EUR	1,7000	1,7000	1,7000	3	1,7000	1,6800	2	78	78	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	19,0000	C	EUR	1,3500	1,4000	1,3400	8	1,3400	1,4000	1	25	1260	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	891	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	20,0000	C	EUR	1,0000	1,0500	0,9500	13	1,0000	1,0200	1	88	1940	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600	3	0	1983	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	21,0000	C	EUR	0,7500	0,7500	0,7000	2	0,7000	0,7500	1	4	1001	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900	3	0	426	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	22,0000	C	EUR	0,5000	0,5500	0,5000	2	0,5500	0,5500	1	10	1256	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0900	4	0	647	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	23,0000	C	EUR	0,3900	0,4000	0,3800	4	0,4000	0,4000	0	11	1084	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9400	5	0	362	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	2260	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8300	6	0	384	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	25,0000	C	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2300	0	1	1062	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	25,0000	P	EUR	6,8000	6,8000	6,8000	1	6,8000	6,7700	7	2	999	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	26,0000	C	EUR	0,1700	0,1700	0,1700	2	0,1700	0,1500	0	102	385	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6900	8	0	317	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	364	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6600	9	0	614	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	2015	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	28,0000	P	EUR	9,7500	9,7500	9,7500	2	9,7500	9,6500	10	20	356	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	736	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6300	11	0	637	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	5708	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6200	12	0	6446	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	35,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	670	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	35,0000	P	EUR	16,7000	16,7000	16,7000	1	16,7000	16,5600	17	5	414	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	787	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,5500	22	0	144	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	383	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5500	27	0	180	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5100	10	0	11	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	98	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5500	9	0	84	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	181	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6800	7	0	48	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	427	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700	5	0	272	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	593	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900	4	0	139	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	15,0000	P	EUR	1,2500	1,3000	1,2500	2	1,3000	1,2500	1	6	371	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	16,0000	C	EUR	3,4500	3,4500	3,4500	4	3,4500	3,5100	4	60	560	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	16,0000	P	EUR	1,6500	1,6500	1,6500	1	1,6500	1,6500	2	2	700	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	17,0000	C	EUR	2,8000	2,8500	2,8000	3	2,8500	2,8800	3	11	373	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	17,0000	P	EUR	2,2000	2,2000	2,1000	2	2,1000	2,1000	2	2	338	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	18,0000	C	EUR	2,3500	2,3500	2,2700	5	2,3500	2,3200	2	10	898	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	18,0000	P	EUR	2,6000	2,6000	2,6000	1	2,6000	2,6100	3	1	1615	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	19,0000	C	EUR	1,8500	1,8500	1,8500	1	1,8500	1,8700	2	1	611	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100	3	0	513	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	20,0000	C	EUR	1,4500	1,5500	1,4500	11	1,5500	1,4700	1	68	697	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	20,0000	P	EUR	4,0500	4,0500	3,9500	3	3,9500	3,8600	4	99	832	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	168	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	21,0000	P	EUR	4,8000	4,8000	4,6000	4	4,7000	4,5900	5	48	237	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	22,0000	C	EUR	0,9500	0,9500	0,9000	2	0,9000	0,9500	1	13	498	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	22,0000	P	EUR	5,5500	5,5500	5,5500	2	5,5500	5,4000	5	43	959	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	329	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	24,0000	P	EUR	7,3000	7,3000	7,3000	1	7,3000	7,0800	7	2	2245	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	382	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	21-6-2019	26,0000	P	EUR	9,1000	9,1500	9,0500	4	9,1500	8,9100	9	23	1718	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5600	9	0	0	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	10,0000	P	EUR	0,4200	0,4200	0,4200	1	0,4200	0,3900	0	1	11	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7300	7	0	0	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	10	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-201													

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	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	971 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	20,0000	P	EUR	4,5000	4,5000	4,5000	2	4,5000	4,3300		4	2	34 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700		1	0	8 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7800		0	46	31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	24,0000	C	EUR	0,8500	0,9500	0,8500	3	0,9500	0,9500		1	5	80 31-12-2018
O	BES	BE Semiconductor Industries NV - Strnd Option	20-9-2019	24,0000	P	EUR	7,6500	7,6500	7,6500	1	7,6500	7,4700		7	5	22 31-12-2018
F	BF6	BASF SE - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,3880		60	0	0 31-12-2018
F	BF6	BASF SE - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,3711		60	0	0 31-12-2018
F	BF6	BASF SE - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,3595		60	0	0 31-12-2018
F	BF6	BASF SE - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,8071		58	0	0 31-12-2018
F	BF6	BASF SE - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,7692		58	0	0 31-12-2018
F	BF6	BASF SE - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,7349		58	0	0 31-12-2018
F	BF8	BASF - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	3 31-12-2018
F	BF8	BASF - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1250		3	0	0 31-12-2018
F	BF8	BASF - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	0 31-12-2018
F	BF8	BASF - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	0 31-12-2018
F	BF8	BASF - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5500		7	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700		5	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7900		4	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	57,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	57,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	58,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800		3	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	58,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	59,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	59,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600		2	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	59,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400		2	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	0	6 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	61,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	61,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200		2	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	1 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	51 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	63,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	63,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800		3	0	1 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	6 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200		4	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200		5	0	2 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	50 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6800		6	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	67,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	67,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6500		7	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	50 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6300		8	0	1 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	69,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	69,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200		9	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	50 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6200		10	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	71,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	71,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6200		11	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6100		12	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6100		14	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6200		16	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BFQ	BASF - Stock Option	18-1-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,6200		20	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8900		7	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900		4	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	57,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	57,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000		4	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	58,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2700		3	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	58,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	0 31-12-2018
O	BFQ	BASF - Stock Option	15-2-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400				

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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	18-6-2021	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1500	8	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3200	8	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5500	8	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9100	9	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600	7	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5300	10	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200	6	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9100	11	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1600	5	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3100	12	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6100	4	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1900	16	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3500	20	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7300	2	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,7600	25	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,3500	29	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,0600	34	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,8600	39	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,7100	44	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6300	49	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	58,5300	59	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BFQ	BASF - Stock Option	18-6-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	98,5300	99	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1200	11	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8100	7	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2100	7	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1800	10	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2800	6	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5500	12	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5000	6	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9600	13	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900	4	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7900	17	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800	3	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,8900	21	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,7000	30	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	BFQ	BASF - Stock Option	17-12-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,7400	49	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,4749	25	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,4678	25	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,4629	25	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,4406	24	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,4242	24	0	0	31-12-2018
F	BG6	Bilfinger SE - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,4101	24	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1655,6800	1656	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1656,7400	1657	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1613,4500	1613	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1617,5400	1618	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1566,8900	1567	0	0	31-12-2018
F	BH6	BHP Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1570,9800	1571	0	0	31-12-2018
F	BH8	BHP Group- Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	0	31-12-2018
F	BH8	BHP Group- Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
F	BH8	BHP Group- Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
F	BH8	BHP Group- Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
F	BH8	BHP Group- Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	3	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	1	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700	1	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	53	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200	1	0	1	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	10,0000	P	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1000	0	5	15	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300	1	0	12	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	63	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	62	31-12-2018
O	BI	Brunel International NV Stnd Option	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	43	31-12-2018
O	BI	Brunel International NV Stnd 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	BI	Brunel International NV Stnd Option	21-6-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	196 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	435 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	796 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	785 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	13,0000	P	EUR	2,7500	2,7500	2,7500	1	2,7500	2,6900		3	50	383 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	366 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300		4	0	1096 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	35 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3800		5	0	929 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	95 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3900		0	0	143 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3200		0	0	298 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	1 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1700		3	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	1 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400		2	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	135 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400		1	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	1 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400		2	0	51 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	5 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6700		4	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	16,0000	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1700		0	1	1 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700		5	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	0 31-12-2018
O	BI	Brunel International NV Stnd Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3800		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,0166		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,0146		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,0133		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	6,9072		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	6,8325		7	0	0 31-12-2018
F	BI6	Bankinter SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	6,7586		7	0	0 31-12-2018
F	BI8	Bankinter - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2248		0	0	0 31-12-2018
F	BI8	Bankinter - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3230		0	0	0 31-12-2018
F	BI8	Bankinter - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	0 31-12-2018
F	BI8	Bankinter - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	0 31-12-2018
F	BI8	Bankinter - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,7192		22	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,7031		22	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,6892		22	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,0564		21	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,0522		21	0	0 31-12-2018
F	BO6	Boskalis Westminster NV Kon - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,0401		21	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	BO8	Boskalis Westminster Koninklijke - Dividend Futur	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	17,0000	C	EUR	4,5000	4,5000	4,5000	1	4,5000	4,7800		5	20	40 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	3 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100		4	0	2 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	205 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	40 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	128 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	19,5000	P	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1800		0	10	20 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	72 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	20,0000	P	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2400		0	1	191 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	20,5000	C	EUR	1,3500	1,3500	1,3500	1	1,3500	1,5600		2	1	102 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	20,5000	P	EUR	0,4500	0,4600	0,3800	7	0,3800	0,3400		0	66	73 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	114 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	21,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4500		0	25	59 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	64 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	21,5000	P	EUR	0,8000	0,8000	0,6500	6	0,6500	0,6300		1	124	131 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	22,0000	C	EUR	0,5000	0,5500	0,5000	4	0,5500	0,6000		1	59	853 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	22,0000	P	EUR	0,9000	0,9000	0,9000	1	0,9000	0,8800		1	96	144 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	22,5000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,4000		0	1	67 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	81 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	23,0000	C	EUR	0,2300	0,2300	0,2200	4	0,2200	0,2600		0	15	261 31-12-2018
O	BOS	B														

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	18-1-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	64	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100	4	0	29	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	399	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3000	4	0	102	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	46	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7900	5	0	30	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	115	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2900	5	0	23	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	90	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2800	6	0	21	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2800	7	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2800	8	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8600	5	0	10	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	17,0000	P	EUR	0,1700	0,1700	0,1700	2	0,1700	0,1500	0	10	50	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500	4	0	20	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	18,0000	P	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2400	0	1	364	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700	3	0	125	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	78	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	128	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	76	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	120	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	7	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	21,0000	C	EUR	1,4500	1,4500	1,4100	2	1,4100	1,5500	2	2	110	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	53	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	117	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	9	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	116	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	72	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	22,5000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,8100	1	1	31	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	32	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	105	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	28	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	9	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2700	2	0	11	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	79	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	24,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	2,6600	3	0	59	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	57	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700	3	0	110	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	90	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5100	4	0	50	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	130	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500	4	0	30	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	187	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4200	4	0	16	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	26,5000	C	EUR	0,0800	0,0800	0,0800	6	0,0800	0,0800	0	30	35	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8800	5	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	25	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600	5	0	11	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	28,0000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0400	0	2	14	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400	6	0	10	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	5	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3200	7	0	2	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3100	8	0	15	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8200	8	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	1	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9300	6	0	190	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	273	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200	5	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	1	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	18,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	2,1400	4	0	88	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	444	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	3	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300	1	0	25	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900	3	0	593	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	801	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	5	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	107	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	148	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	2	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	0	31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200	1	0	375	31-12-2018
O	BOS	Boskalis Westminster NV Kon - 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	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5300		6	0	89 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	28,0000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1500		0	1	949 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4700		6	0	229 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	72 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4200		7	0	15 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	334 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000		8	0	328 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	43 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3400		13	0	160 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,3300		18	0	15 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8600		8	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	49 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	6 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	430 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300		4	0	172 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	220 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700		4	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	7 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900		3	0	370 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	366 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	97 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	121 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	22,0000	C	EUR	1,6700	1,6700	1,6700	1	1,6700	1,8200		2	1	285 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	0	430 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	23,0000	C	EUR	1,2600	1,2600	1,2600	1	1,2600	1,3800		1	2	245 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400		3	0	279 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	482 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	409 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	540 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700		5	0	385 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	343 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4800		5	0	335 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	287 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	27,0000	P	EUR	6,6000	6,6000	6,6000	1	6,6000	6,3700		6	1	200 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	429 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2700		7	0	424 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	26 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1900		8	0	96 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	562 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1400		9	0	368 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	250 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0000		14	0	467 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9800		19	0	335 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8600		8	0	5 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	59 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0600		6	0	45 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	162 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4400		4	0	142 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	381 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300		4	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	33 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	332 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300		2	0	211 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5400		3	0	104 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	52 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	225 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700		3	0	147 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600		2	0	183 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5800		4	0	426 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	397 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	192 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	25,0000	C	EUR	1,0000	1,0000	1,0000	2	1,0000	1,0300		1	10	434 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	151 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	274 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700		6	0	380 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	142 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5700		7	0	77 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	89 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4800		7	0	209 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	131 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3500		8	0	231 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	202 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0600		14		

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	20-12-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200		3	0	5 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2700		2	0	3 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100		3	0	1 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	0 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	24,0000	C	EUR	1,4500	1,4500	1,4500	1	1,4500	1,5600		2	1	3 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5200		5	0	30 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	26,0000	C	EUR	1,0000	1,0000	1,0000	2	1,0000	1,0500		1	6	17 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	0	13 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	2 31-12-2018
O	BOS	Boskalis Westminster NV Kon - STND OPT	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7200		8	0	2 31-12-2018
F	BP6	BP - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	497,6700		498	0	0 31-12-2018
F	BP6	BP - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	490,5800		491	0	0 31-12-2018
F	BP6	BP - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	491,0000		491	0	0 31-12-2018
F	BP6	BP - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	485,1900		485	0	0 31-12-2018
F	BP6	BP - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	478,6500		479	0	0 31-12-2018
F	BP6	BP - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	471,8800		472	0	0 31-12-2018
F	BP8	BP - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	32,0000		32	0	0 31-12-2018
F	BP8	BP - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	29,8200		30	0	0 31-12-2018
F	BP8	BP - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	29,8200		30	0	0 31-12-2018
F	BP8	BP - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	29,8200		30	0	0 31-12-2018
F	BP8	BP - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	29,8200		30	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,6925		38	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,6819		38	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,6747		38	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,4414		36	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,4168		36	0	0 31-12-2018
F	BQ6	Brenntag AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,3958		36	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	104,9292		105	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	104,8997		105	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	104,8797		105	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	102,1378		102	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	102,0689		102	0	0 31-12-2018
F	BR6	Deutsche Boerse AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	102,0100		102	0	0 31-12-2018
F	BR8	Deutsche Boerse - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	0 31-12-2018
F	BR8	Deutsche Boerse - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000		3	0	0 31-12-2018
F	BR8	Deutsche Boerse - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	0 31-12-2018
F	BR8	Deutsche Boerse - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	0 31-12-2018
F	BR8	Deutsche Boerse - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9722		4	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9061		4	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9054		4	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8369		4	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8343		4	0	0 31-12-2018
F	BS6	Banco Santander SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,7422		4	0	0 31-12-2018
F	BS8	Banco Santander - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	BS8	Banco Santander - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	BS8	Banco Santander - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	BS8	Banco Santander - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	BS8	Banco Santander - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	BT6	BT Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	238,1900		238	0	0 31-12-2018
F	BT6	BT Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	238,3400		238	0	0 31-12-2018
F	BT6	BT Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	238,5400		239	0	0 31-12-2018
F	BT6	BT Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	239,1500		239	0	0 31-12-2018
F	BT6	BT Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	229,1900		229	0	0 31-12-2018
F	BT6	BT Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	229,7800		230	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	BT8	BT Group - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	15,4000		15	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	70,6860		71	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	70,6661		71	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	70,6526		71	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,2911		67	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,2458		67	0	0 31-12-2018
F	BW6	Bayerische Motoren Werke AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,2071		67	0	0 31-12-2018
F	BW8	BMW - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9250		4	0	10 31-12-2018
F	BW8	BMW - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,6750		4	0	0 31-12-2018
F	BW8	BMW - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	BW8	BMW - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	BW8	BMW - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
O	BWQ	BMW - Stock Option	18-1-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8000		11	0	0 31-12-2018
O	BWQ	BMW - Stock Option	18-1-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	0 31-12-2018
O	BWQ	BMW - Stock Option	18-1-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8600		9	0	0 31-12-2018
O	BWQ	BMW - Stock Option	18-1-2019	62,0000	P	EUR	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	BWQ	BMW - Stock Option	15-3-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100		6	0	294 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600		2	0	67 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9100		7	0	115 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	506 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4300		8	0	508 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	21 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900		10	0	501 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8500		12	0	1 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	59 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7000		14	0	12 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	86,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	21 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,5700		16	0	2 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	78 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5000		18	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	10 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4600		19	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	26 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,4400		21	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	94,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	11 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	94,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,4400		23	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	10 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,4100		25	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	98,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	10 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	98,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4000		27	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	20 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,4000		29	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	BWQ	BMW - Stock Option	15-3-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,3900		34	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,8800		21	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5000		14	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7900		12	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	1 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9600		8	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	20 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3000		7	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5700		5	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9900		6	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4900		5	0	38 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2500		5	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700		7	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0300		8	0	22 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100		3	0	5 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3800		9	0	1 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500		3	0	5 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900		10	0	2 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8100		11	0	16 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500		2	0	10 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3800		12	0	13 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900		2	0	39 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0200		14	0	5 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	20 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7300		16	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	26 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5100		18	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	15 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4200		18	0	1 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	86,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	12 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3400		19	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	10 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,2200		21	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	20 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,1200		23	0	2 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,0300		25	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	1 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9500		28	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	11 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8700		33	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	20 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,8200		38	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	10 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,8000		43	0	0 31-12-2018
O	BWQ	BMW - Stock Option	21-6-2019	120,0000	C	EUR										

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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	19-6-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7800	12	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900	5	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8400	15	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400	3	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7300	19	0	10	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,9500	23	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,3800	27	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,9800	32	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,7200	37	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,5400	42	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,4100	46	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,2800	56	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	86,2700	86	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,8400	21	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400	3	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,4300	16	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200	5	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5800	13	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9000	7	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4100	9	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3900	9	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0000	7	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3500	12	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000	5	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7900	16	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000	4	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,6300	20	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9600	3	0	14	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,7900	24	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1200	28	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,5900	33	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,2000	37	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,9300	42	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,7000	47	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,4400	56	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	86,2400	86	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7500	21	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8900	4	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0800	16	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7500	6	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9700	12	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0400	8	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7000	9	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7800	11	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2300	6	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9700	14	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5600	18	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1800	3	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6200	22	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,9200	26	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,4000	30	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,0100	35	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,7600	40	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	BWQ	BMW - Stock Option	18-6-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	89,1700	89	0	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7800	21	0	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600	5	0	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021</													

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	17-12-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8300		5	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,2600		18	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000		4	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,2300		22	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200		2	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,8600		31	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	31-12-2018
O	BWQ	BMW - Stock Option	17-12-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,0600		40	0	31-12-2018
F	BX6	BAE Systems - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	459,3700		459	0	31-12-2018
F	BX6	BAE Systems - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	459,6600		460	0	31-12-2018
F	BX6	BAE Systems - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	460,0600		460	0	31-12-2018
F	BX6	BAE Systems - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	447,9000		448	0	31-12-2018
F	BX6	BAE Systems - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	449,0300		449	0	31-12-2018
F	BX6	BAE Systems - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	440,9800		441	0	31-12-2018
F	BX8	BAE Systems - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	22,5000		23	0	31-12-2018
F	BX8	BAE Systems - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	23,0000		23	0	31-12-2018
F	BX8	BAE Systems - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	23,0000		23	0	31-12-2018
F	BX8	BAE Systems - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	23,0000		23	0	31-12-2018
F	BX8	BAE Systems - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	23,0000		23	0	31-12-2018
F	BY6	Bayer AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,5480		61	0	31-12-2018
F	BY6	Bayer AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,5310		61	0	31-12-2018
F	BY6	Bayer AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,5194		61	0	31-12-2018
F	BY6	Bayer AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	58,2169		58	0	31-12-2018
F	BY6	Bayer AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	58,1776		58	0	31-12-2018
F	BY6	Bayer AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	58,1441		58	0	31-12-2018
F	BY8	Bayer - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,6750		3	20	31-12-2018
F	BY8	Bayer - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	20	31-12-2018
F	BY8	Bayer - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	31-12-2018
F	BY8	Bayer - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	31-12-2018
F	BY8	Bayer - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2900		4	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	58,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	58,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	59,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	59,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	59,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	25	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	61,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	61,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	25	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	63,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	63,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2800		3	26	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	50	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	25	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	2	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400		5	7	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7000		6	25	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	67,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	67,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6100		7	1	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	25	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5400		8	1	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	69,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	69,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5300		9	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	1	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5100		10	1	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	71,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	71,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4900		10	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4800		11	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	73,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	73,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4700		12	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4600		13	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,4600		14	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4600		15	0	31-12-2018
O	BYQ	Bayer - Stock Option	18-1-2019	77,0000	C	EUR	0,000									

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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	BYQ	Bayer - Stock Option	15-3-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	250	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,6500	20	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	82,6600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	7	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	82,6600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,2500	22	0	4	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	84,6300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	25	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	84,6300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,1900	24	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	86,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	40	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	86,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,1400	26	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	88,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	12	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	88,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1000	28	0	25	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	90,5400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	11	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	90,5400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,0600	30	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	92,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	31	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	92,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,0100	32	0	4	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	94,4700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	21	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	94,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,9800	34	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	96,4400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	96,4400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,9500	36	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	98,4100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	20	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	98,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,9200	38	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	100,3800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	1	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	100,3800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,8900	40	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	102,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	102,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,8600	42	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	103,3300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	103,3300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,8400	43	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	104,3100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	104,3100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,8200	44	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	106,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	106,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,7900	46	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	108,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	108,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,7600	48	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	110,2200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	110,2200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,7300	50	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	113,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	113,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,6900	53	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	118,0900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	118,0900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,6100	58	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	127,9300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	15-3-2019	127,9300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,4600	67	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5600	11	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1700	9	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100	4	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8700	8	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	125	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600	5	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8600	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	59,0500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0400	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	59,0500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3300	6	0	2	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5500	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8500	7	0	5	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5700	5	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700	8	0	39	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300	4	0	64	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2300	9	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600	3	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9900	10	0	2	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100	3	0	28	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6700	11	0	21	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800	2	0	124	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1000	12	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	68,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	27	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	68,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8000	13	0	13	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000	2	0	77	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6800	14	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	34	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3000	15	0	5	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	28	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0000	17	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	43	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8600	18	0	51	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7400	19	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	78,7300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900	1	0	16	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	78,7300	P	EUR	0,0									

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	BYQ	Bayer - Stock Option	21-6-2019	86,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1100		28	0	1 31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	88,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	122	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	88,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,6100		31	5	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	361	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,0000		32	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,9800		34	1	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	93,4900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	93,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,4600		35	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	1002	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,9400		38	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	98,4100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	98,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,3300		40	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,9100		42	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	102,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	102,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,9000		44	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	103,3300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	103,3300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,2200		45	1	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	108,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	108,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,1300		50	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	113,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	113,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,0500		55	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	118,0900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	118,0900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	59,9700		60	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	127,9300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	127,9300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	69,8200		70	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	137,7700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	BYQ	Bayer - Stock Option	21-6-2019	137,7700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,6800		80	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1800		11	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600		4	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9700		10	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3700		5	16	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5500		9	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	6	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000		8	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5200		7	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4100		7	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700		7	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9200		7	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	59,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5200		8	2	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4100		6	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0400		8	3	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5300		6	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2200		9	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6800		5	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4200		10	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600		4	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7300		12	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3700		3	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1700		13	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,6500		15	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2000		16	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8100		18	3	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5000		20	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,2300		21	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400		1	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,0000		23	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,8100		25	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,6600		27	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	73	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,4300		30	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3300		32	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1200		13	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5800		5	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8300		12	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3800		5	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1300		6	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9000		10	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	55,0000	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	BYQ	Bayer - Stock Option	20-12-2019	59,0500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000	8	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	59,0500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5200	9	0	51	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2500	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0400	9	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3100	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1200	10	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4900	5	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3200	11	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1100	5	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9600	12	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7300	5	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5900	13	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	68,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7900	4	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	68,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5600	15	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500	3	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8400	17	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,2600	19	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	78,7300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800	2	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	78,7300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200	22	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	83,6500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	83,6500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8000	27	0	4	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	88,5700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	2	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	88,5700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,3500	31	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	93,4900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	93,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,0200	36	0	4	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	98,4100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	20	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	98,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,7800	41	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	103,3300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	103,3300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,5900	46	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	108,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	108,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,4300	50	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	113,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	113,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,3100	55	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	118,0900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	5	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	118,0900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	60,2000	60	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	127,9300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	127,9300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,0200	70	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	137,7700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	20-12-2019	137,7700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,8700	80	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5800	21	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7400	12	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000	5	0	1	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8800	9	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2200	8	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7600	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6600	8	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3100	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5300	7	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000	8	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5500	6	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5700	10	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9100	13	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300	2	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8200	17	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1400	21	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,7200	26	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,4600	30	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,3000	35	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,2100	40	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,1600	45	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	105,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	105,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,1400	50	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,1300	55	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	60,1300	60	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	BYQ	Bayer - Stock Option	19-6-2020	120,0												

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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	CIO	Klepierre SA	15-2-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400		1	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	28,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6000		1	3	31-12-2018
O	CIO	Klepierre SA	15-2-2019	28,0000	P	EUR	1,6600	1,6600	1,6600	1	1,6600	1,6500		2	116	8165
O	CIO	Klepierre SA	15-2-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	1
O	CIO	Klepierre SA	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	2
O	CIO	Klepierre SA	15-2-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7800		3	0	0
O	CIO	Klepierre SA	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200		3	0	0
O	CIO	Klepierre SA	15-2-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	5	31-12-2018
O	CIO	Klepierre SA	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	0
O	CIO	Klepierre SA	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0900		5	0	0
O	CIO	Klepierre SA	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0600		7	0	0
O	CIO	Klepierre SA	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	CIO	Klepierre SA	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0600		9	0	0
O	CIO	Klepierre SA	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0200		7	0	0
O	CIO	Klepierre SA	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1400		5	0	0
O	CIO	Klepierre SA	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2300		4	0	0
O	CIO	Klepierre SA	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	0
O	CIO	Klepierre SA	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	4	31-12-2018
O	CIO	Klepierre SA	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	0
O	CIO	Klepierre SA	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	11	31-12-2018
O	CIO	Klepierre SA	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	0
O	CIO	Klepierre SA	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	40	31-12-2018
O	CIO	Klepierre SA	15-3-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	0
O	CIO	Klepierre SA	15-3-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	1	31-12-2018
O	CIO	Klepierre SA	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	0
O	CIO	Klepierre SA	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	2
O	CIO	Klepierre SA	15-3-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	0
O	CIO	Klepierre SA	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0
O	CIO	Klepierre SA	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	34
O	CIO	Klepierre SA	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	400	31-12-2018
O	CIO	Klepierre SA	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	52
O	CIO	Klepierre SA	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	35	31-12-2018
O	CIO	Klepierre SA	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	20
O	CIO	Klepierre SA	15-3-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	10
O	CIO	Klepierre SA	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	5	31-12-2018
O	CIO	Klepierre SA	15-3-2019	32,0000	P	EUR	5,2500	5,2500	5,2500	1	5,2500	5,1800		5	1	6
O	CIO	Klepierre SA	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	3	31-12-2018
O	CIO	Klepierre SA	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1300		7	0	11
O	CIO	Klepierre SA	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	307	31-12-2018
O	CIO	Klepierre SA	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	103
O	CIO	Klepierre SA	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1	31-12-2018
O	CIO	Klepierre SA	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1200		13	0	108
O	CIO	Klepierre SA	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1200		18	0	0
O	CIO	Klepierre SA	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	CIO	Klepierre SA	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,1200		23	0	10
O	CIO	Klepierre SA	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800		7	0	0
O	CIO	Klepierre SA	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	31-12-2018
O	CIO	Klepierre SA	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000		5	0	0
O	CIO	Klepierre SA	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	31-12-2018
O	CIO	Klepierre SA	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	0
O	CIO	Klepierre SA	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	1
O	CIO	Klepierre SA	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700		3	0	0
O	CIO	Klepierre SA	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	0
O	CIO	Klepierre SA	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400		2	0	0
O	CIO	Klepierre SA	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	10
O	CIO	Klepierre SA	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900		1	0	0
O	CIO	Klepierre SA	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	0
O	CIO	Klepierre SA	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	23
O	CIO	Klepierre SA	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800		3	0	30
O	CIO	Klepierre SA	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	10
O	CIO	Klepierre SA	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6700		4	0	28
O	CIO	Klepierre SA	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	22
O	CIO	Klepierre SA	21-6-2019	30,0000	P	EUR	4,5500	4,5500	4,5500	1	4,5500	4,4400		4	10	1006
O	CIO	Klepierre SA	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	2
O	CIO	Klepierre SA	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2000		6	0	74
O	CIO	Klepierre SA	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	21
O	CIO	Klepierre SA	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1000		8	0	226
O	CIO	Klepierre SA	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	40
O	CIO	Klepierre SA	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0500		10	0	226
O	CIO	Klepierre SA	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	CIO	Kleppierre SA	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0300		19	0	40 31-12-2018
O	CIO	Kleppierre SA	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	CIO	Kleppierre SA	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,0400		24	0	50 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900		7	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1100		5	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	1 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200		3	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	3 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7000		3	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	52 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300		3	0	1 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700		5	0	11 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	65 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600		5	0	39 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	31 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1900		7	0	15 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	4	31-12-2018
O	CIO	Kleppierre SA	20-9-2019	35,0000	P	EUR	10,0500	10,0500	10,0500	1	10,0500	10,0400		10	1	33 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9500		15	0	14 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	CIO	Kleppierre SA	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9400		20	0	20 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900		7	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1400		5	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5100		4	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4500		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500		3	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600		4	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900		4	0	1 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500		6	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900		10	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	CIO	Kleppierre SA	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9800		15	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	18-1-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	604,8508		605	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	15-2-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	604,6420		605	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	15-3-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	604,4604		604	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	21-6-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	598,5063		599	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	20-9-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	598,2915		598	0	0 31-12-2018
F	CJ6	Coloplast B - Stock Future	20-12-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	586,5572		587	0	0 31-12-2018
F	CK6	Clariant - Stock Future	18-1-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,0821		18	0	0 31-12-2018
F	CK6	Clariant - Stock Future	15-2-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,0767		18	0	0 31-12-2018
F	CK6	Clariant - Stock Future	15-3-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,0700		18	0	0 31-12-2018
F	CK6	Clariant - Stock Future	21-6-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4896		17	0	0 31-12-2018
F	CK6	Clariant - Stock Future	20-9-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4737		17	0	0 31-12-2018
F	CK6	Clariant - Stock Future	20-12-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4541		17	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,7819		6	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,7802		6	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,7791		6	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,5741		6	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,5703		6	0	0 31-12-2018
F	CM6	Commerzbank AG - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,5671		6	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1616,4500		1616	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1617,4800		1617	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1618,8700		1619	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1609,3700		1609	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1613,4200		1613	0	0 31-12-2018
F	CQ6	Compass Group - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1617,6200		1618	0	0 31-12-2018
F	CQ8	Compass Group - Dividend Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	34,5000		35	0	0 31-12-2018
F	CQ8	Compass Group - Dividend Future	18-12-2020	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	34,5000		35	0	0 31-12-2018
F	CQ8	Compass Group - Dividend Future	17-12-2021	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	34,5000		35	0	0 31

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	CSM	Corbion NV	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	CSM	Corbion NV	18-1-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	13	31-12-2018
O	CSM	Corbion NV	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	44	44	31-12-2018
O	CSM	Corbion NV	18-1-2019	23,5000	C	EUR	0,8000	0,8000	0,8000	1	0,8000	1,1800	1	2	10	31-12-2018
O	CSM	Corbion NV	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	13	13	31-12-2018
O	CSM	Corbion NV	18-1-2019	24,0000	C	EUR	0,7000	0,7000	0,7000	2	0,7000	0,8300	1	3	74	31-12-2018
O	CSM	Corbion NV	18-1-2019	24,0000	P	EUR	0,4900	0,4900	0,4900	1	0,4900	0,3700	0	1	254	31-12-2018
O	CSM	Corbion NV	18-1-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	63	31-12-2018
O	CSM	Corbion NV	18-1-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	41	31-12-2018
O	CSM	Corbion NV	18-1-2019	25,0000	C	EUR	0,2300	0,2300	0,2300	1	0,2300	0,3200	0	5	31	31-12-2018
O	CSM	Corbion NV	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	71	31-12-2018
O	CSM	Corbion NV	18-1-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	18	31-12-2018
O	CSM	Corbion NV	18-1-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	22	31-12-2018
O	CSM	Corbion NV	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	31	31-12-2018
O	CSM	Corbion NV	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	14	31-12-2018
O	CSM	Corbion NV	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	66	31-12-2018
O	CSM	Corbion NV	18-1-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900	2	0	46	31-12-2018
O	CSM	Corbion NV	18-1-2019	27,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0200	0	1	115	31-12-2018
O	CSM	Corbion NV	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700	3	0	23	31-12-2018
O	CSM	Corbion NV	18-1-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	18	31-12-2018
O	CSM	Corbion NV	18-1-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	36	31-12-2018
O	CSM	Corbion NV	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	26	31-12-2018
O	CSM	Corbion NV	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	34	31-12-2018
O	CSM	Corbion NV	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	74	31-12-2018
O	CSM	Corbion NV	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500	5	0	0	31-12-2018
O	CSM	Corbion NV	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	157	31-12-2018
O	CSM	Corbion NV	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5500	6	0	0	31-12-2018
O	CSM	Corbion NV	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	CSM	Corbion NV	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5500	8	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100	5	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700	4	0	1	31-12-2018
O	CSM	Corbion NV	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500	3	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	21	31-12-2018
O	CSM	Corbion NV	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	23,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	50	31-12-2018
O	CSM	Corbion NV	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	150	31-12-2018
O	CSM	Corbion NV	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	16	31-12-2018
O	CSM	Corbion NV	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	17	31-12-2018
O	CSM	Corbion NV	15-2-2019	24,5000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,8200	1	1	4	31-12-2018
O	CSM	Corbion NV	15-2-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700	1	0	1	31-12-2018
O	CSM	Corbion NV	15-2-2019	25,0000	C	EUR	0,4200	0,4200	0,4200	1	0,4200	0,6200	1	1	5	31-12-2018
O	CSM	Corbion NV	15-2-2019	25,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,1700	1	9	106	31-12-2018
O	CSM	Corbion NV	15-2-2019	25,5000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,4400	0	2	7	31-12-2018
O	CSM	Corbion NV	15-2-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	35	31-12-2018
O	CSM	Corbion NV	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	10	31-12-2018
O	CSM	Corbion NV	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600	2	0	39	31-12-2018
O	CSM	Corbion NV	15-2-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	11	31-12-2018
O	CSM	Corbion NV	15-2-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	1	31-12-2018
O	CSM	Corbion NV	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	11	31-12-2018
O	CSM	Corbion NV	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200	3	0	20	31-12-2018
O	CSM	Corbion NV	15-2-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	3	31-12-2018
O	CSM	Corbion NV	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1800	3	0	10	31-12-2018
O	CSM	Corbion NV	15-2-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	4	31-12-2018
O	CSM	Corbion NV	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500	4	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	CSM	Corbion NV	15-2-2019	30,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	5,6000	6	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4600	8	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5100	7	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	31	31-12-2018
O	CSM	Corbion NV	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7000	4	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600	3	0	68	31-12-2018
O	CSM	Corbion NV	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	86	31-12-2018
O	CSM	Corbion NV	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	40	31-12-2018
O	CSM	Corbion NV	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	20	31-12-2018
O	CSM	Corbion NV	15-3-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	1	31-12-2018
O	CSM	Corbion NV	15-3-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	24,0000	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	CSM	Corbion NV	15-3-2019	27,0000	C	EUR	0,2600	0,2600	0,2600	1	0,2600	0,3800	0	3	435	31-12-2018
O	CSM	Corbion NV	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400	0	0	139	31-12-2018
O	CSM	Corbion NV	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	322	31-12-2018
O	CSM	Corbion NV	15-3-2019	28,0000	P	EUR	4,3000	4,3000	4,3000	1	4,3000	3,7900	4	4	80	31-12-2018
O	CSM	Corbion NV	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	276	31-12-2018
O	CSM	Corbion NV	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	36	31-12-2018
O	CSM	Corbion NV	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	185	31-12-2018
O	CSM	Corbion NV	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6700	6	0	192	31-12-2018
O	CSM	Corbion NV	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	115	31-12-2018
O	CSM	Corbion NV	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6100	8	0	116	31-12-2018
O	CSM	Corbion NV	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	4	31-12-2018
O	CSM	Corbion NV	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5900	11	0	66	31-12-2018
O	CSM	Corbion NV	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,5800	16	0	0	31-12-2018
O	CSM	Corbion NV	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	CSM	Corbion NV	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5800	21	0	1	31-12-2018
O	CSM	Corbion NV	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5100	9	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5800	7	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	19	31-12-2018
O	CSM	Corbion NV	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7400	5	0	16	31-12-2018
O	CSM	Corbion NV	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	25	31-12-2018
O	CSM	Corbion NV	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100	3	0	224	31-12-2018
O	CSM	Corbion NV	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	74	31-12-2018
O	CSM	Corbion NV	21-6-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200	2	0	32	31-12-2018
O	CSM	Corbion NV	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	12	31-12-2018
O	CSM	Corbion NV	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	49	31-12-2018
O	CSM	Corbion NV	21-6-2019	24,0000	P	EUR	1,8900	1,8900	1,8900	1	1,8900	1,7500	2	1	174	31-12-2018
O	CSM	Corbion NV	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	143	31-12-2018
O	CSM	Corbion NV	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	321	31-12-2018
O	CSM	Corbion NV	21-6-2019	26,0000	C	EUR	0,8000	0,8000	0,8000	1	0,8000	0,9900	1	1	100	31-12-2018
O	CSM	Corbion NV	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900	3	0	228	31-12-2018
O	CSM	Corbion NV	21-6-2019	27,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,7300	1	1	202	31-12-2018
O	CSM	Corbion NV	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500	4	0	152	31-12-2018
O	CSM	Corbion NV	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	50	31-12-2018
O	CSM	Corbion NV	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900	5	0	103	31-12-2018
O	CSM	Corbion NV	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	72	31-12-2018
O	CSM	Corbion NV	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4100	5	0	94	31-12-2018
O	CSM	Corbion NV	21-6-2019	30,0000	C	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2700	0	3	43	31-12-2018
O	CSM	Corbion NV	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200	6	0	55	31-12-2018
O	CSM	Corbion NV	21-6-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	14	31-12-2018
O	CSM	Corbion NV	21-6-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2600	7	0	10	31-12-2018
O	CSM	Corbion NV	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	5	31-12-2018
O	CSM	Corbion NV	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2100	8	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1800	9	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	3	31-12-2018
O	CSM	Corbion NV	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1600	10	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	4	31-12-2018
O	CSM	Corbion NV	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1400	11	0	25	31-12-2018
O	CSM	Corbion NV	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	CSM	Corbion NV	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1000	16	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5300	9	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6300	7	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700	5	0	5	31-12-2018
O	CSM	Corbion NV	20-9-2019	20,0000	P	EUR	0,8700	0,8700	0,8700	1	0,8700	0,7400	1	1	1	31-12-2018
O	CSM	Corbion NV	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	22,0000	P	EUR	1,5200	1,5200	1,5200	1	1,5200	1,2600	1	1	3	31-12-2018
O	CSM	Corbion NV	20-9-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600	3	0	10	31-12-2018
O	CSM	Corbion NV	20-9-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	8	31-12-2018
O	CSM	Corbion NV	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	10	31-12-2018
O	CSM	Corbion NV	20-9-2019	24,0000	P	EUR	2,2500	2,2500	2,2500	1	2,2500	2,1500	2	1	1	31-12-2018
O	CSM	Corbion NV	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100	3	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	26,0000	C	EUR	1,2000	1,2000	1,2000	1	1,2000	1,3100	1	3	5	31-12-2018
O	CSM	Corbion NV	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3700	3	0	1	31-12-2018
O	CSM	Corbion NV	20-9-2019	28,0000	C	EUR	0,7000	0,7000	0,7000	1	0,7000	0,8300	1	11	12	31-12-2018
O	CSM	Corbion NV	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9000	5	0	0	31-12-2018
O	CSM	Corbion NV	20-9-2019	30,0000	C	EUR	0,3500	0,3500	0,3500	1	0,3500	0,5200	1	2	3	31-12-2018
O	CSM	Corbion NV	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6000	7	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	CW8	Coca-Cola HBC - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	0	31-12-2018
F	CX6	CRH PLC - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,								

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open interest	Open Interest Date
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	6,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	3	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	60	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	1	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	5	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	3	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	4	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	30	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900	3	0	1	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	4	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900	3	0	16	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	9	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800	3	0	11	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	511	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700	3	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600	4	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	120	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0500	4	0	25	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500	5	0	20	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	33	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400	5	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5400	6	0	101	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	38	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0400	6	0	4	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400	7	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0400	7	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0400	8	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0400	9	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000	0	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0400	10	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	21-6-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
O	DBQ	Deutsche Bank - Stock Option	21-6-2019	5,5000	P											

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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	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	0	31-12-2018
F	DI8	Distribuidora Internacional de Alimentacion - Dividend Futur	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
F	DI8	Distribuidora Internacional de Alimentacion - Dividend Futur	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	128,8682	129	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	128,8237	129	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	128,7850	129	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	118,6968	119	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	118,6555	119	0	0	31-12-2018
F	DK6	Danske Bank - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	118,6093	119	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	45,9009	46	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	45,8880	46	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	45,8992	46	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	43,1893	43	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	43,1603	43	0	0	31-12-2018
F	DM6	Daimler AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	43,1355	43	0	0	31-12-2018
F	DM8	Daimler - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500	3	0	0	31-12-2018
F	DM8	Daimler - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	0	31-12-2018
F	DM8	Daimler - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500	4	0	0	31-12-2018
F	DM8	Daimler - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000	4	0	0	31-12-2018
F	DM8	Daimler - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000	4	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000	3	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200	3	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	44,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	44,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000	2	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	45,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	45,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	10	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	76	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	46,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	46,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000	2	0	1	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000	2	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	47,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	47,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700	3	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	48,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	48,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500	3	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	1	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4700	3	0	76	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	49,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	49,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000	4	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300	4	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	50,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	50,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7800	5	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	51,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2400	5	0	150	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	51,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	51,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7100	6	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900	6	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	52,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	52,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700	7	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	53,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	53,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500	7	0	75	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	53,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	53,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6400	8	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1300	8	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	54,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	54,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200	9	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200	9	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1100	10	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	18-1-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1000	12	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8100	5	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	0	31-12-2018
O	DMQ	Daimler Reg - Stock Option	15-2-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700	4	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	DSM	Koninklijke DSM N.V.	18-1-2019	74,0000	C	EUR	0,5500	0,6900	0,5300	25	0,6500	0,7300	1	81	380	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	74,0000	P	EUR	4,0400	4,0400	4,0400	1	4,0400	3,3300	3	1	185	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	76,0000	C	EUR	0,2900	0,3200	0,2900	12	0,3200	0,3700	0	19	148	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	181	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	227	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7500	7	0	234	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	80,0000	C	EUR	0,1000	0,1000	0,1000	2	0,1000	0,0700	0	15	213	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	80,0000	P	EUR	9,7000	9,7000	9,7000	1	9,7000	8,6900	9	1	43	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	82,0000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0300	0	2	248	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600	11	0	91	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	171	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6300	13	0	96	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	88,0000	C	EUR	0,0400	0,0400	0,0400	2	0,0400	0,0100	0	2	205	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6000	17	0	54	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	67	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6000	21	0	66	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-1-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,6000	25	0	6	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7600	14	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	100	31-12-2018	
O	DSM	Koninklijke DSM N.V.	15-2-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8400	12	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	70	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	64,0000	C	EUR	7,9500	7,9500	7,9500	1	7,9500	8,2100	8	1	3	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	32	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5600	7	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	66,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0500	5	0	55	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	68,0000	P	EUR	1,7300	1,7300	1,7300	3	1,7300	1,6300	2	6	193	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7200	4	0	23	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	70,0000	P	EUR	2,4000	2,4000	2,4000	1	2,4000	2,3000	2	2	37	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	72,0000	C	EUR	2,5000	2,5000	2,5000	2	2,5000	2,6300	3	16	64	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100	3	0	221	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	74,0000	C	EUR	1,6500	1,6600	1,6500	3	1,6600	1,7800	2	16	37	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	74,0000	P	EUR	4,9400	4,9400	4,9400	1	4,9400	4,3600	4	1	111	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	76,0000	C	EUR	1,0000	1,0800	1,0000	6	1,0800	1,1500	1	13	98	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7200	6	0	113	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	78,0000	C	EUR	0,6000	0,7000	0,6000	3	0,7000	0,7200	1	4	69	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	78,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	7,3300	7	0	72	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	80,0000	C	EUR	0,3800	0,4200	0,3800	4	0,4200	0,4700	0	10	50	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0600	9	0	24	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	49	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9000	11	0	17	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	84,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	126	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7900	13	0	43	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	30	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7100	17	0	20	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	22	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-2-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6500	21	0	8	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,5900	22	0	52	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	1	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6800	17	0	4	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	55	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8700	14	0	5	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	17	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0200	12	0	27	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	60,0000	P	EUR	0,6400	0,6400	0,6400	1	0,6400	0,6000	1	3	186	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	65,0000	C	EUR	7,5000	7,5000	7,5000	1	7,5000	7,7600	8	1	96	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	65,0000	P	EUR	1,5600	1,5600	1,4300	2	1,4300	1,3500	1	3	241	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	66,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0300	7	0	1	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	66,0000	P	EUR	1,6900	1,6900	1,6600	2	1,6600	1,5700	2	4	5	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700	6	0	5	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500	2	0	22	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	70,0000	C	EUR	4,0000	4,0500	4,0000	4	4,0500	4,3000	4	8	124	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800	3	0	402	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	72,0000	C	EUR	3,1300	3,1300	3,1300	1	3,1300	3,2200	3	2	24	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000	4	0	1	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500	2	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9200	5	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	75,0000	C	EUR	1,6400	1,8800	1,6400	7	1,8800	2,0000	2	35	374	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	75,0000	P	EUR	5,7500	5,7500	5,7500	1	5,7500	5,5900	6	1	712	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	80,0000	C	EUR	0,6700	0,7300	0,6700	7	0,7300	0,8000	1	31	889	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	80,0000	P	EUR	10,1500	10,1500	10,1500	1	10,1500	9,3900	9	2	692	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	85,0000	C	EUR	0,2600	0,2600	0,2200	3	0,2200	0,3100	0	21	1215	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	85,0000	P	EUR	14,8000	14,8000	14,8000	1	14,8000	13,9300	14	1	1482	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	90,0000	C	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1400	0	1	1360	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-3-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7300	19	0	330	31-12-2018
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	DSM	Koninklijke DSM N.V.	15-3-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	68,6700	69	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,5000	32	0	5	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	137	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,7100	22	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	1078	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9500	17	0	64	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	55,0000	P	EUR	0,8800	0,8800	0,8800	-	1	0,8800	0,8600	1	1	886	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5200	13	0	100	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	60,0000	P	EUR	1,6500	1,6500	1,6500	-	1	1,6500	1,6300	2	3	401	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5800	9	0	63	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	65,0000	P	EUR	3,0600	3,0700	3,0600	-	2	3,0700	2,9100	3	3	277	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	70,0000	C	EUR	5,2000	5,1500	5,1500	-	4	5,1500	5,3300	5	7	189	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	70,0000	P	EUR	5,0500	5,0500	5,0500	-	1	5,0500	4,9300	5	2	1593	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	75,0000	C	EUR	2,6000	2,9700	2,6000	-	4	2,9700	3,0800	3	39	460	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	75,0000	P	EUR	8,1000	8,1000	8,0500	-	3	8,0500	7,8700	8	12	740	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	80,0000	C	EUR	1,4000	1,5300	1,4000	-	5	1,5000	1,6400	2	23	2860	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	80,0000	P	EUR	11,8500	11,8500	11,8500	-	1	11,8500	11,6100	12	2	1527	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	85,0000	C	EUR	0,7400	0,7400	0,7400	-	1	0,7400	0,8500	1	1	400	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	85,0000	P	EUR	16,7000	16,7000	16,2000	-	2	16,2000	15,8700	16	3	278	31-12-2018
O	DSM	Koninklijke DSM N.V.	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	1333	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5300	21	0	1648	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	304	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3200	25	0	75	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	831	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,1900	30	0	81	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	54	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,1200	40	0	10	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	30	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,1100	50	0	35	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,1400	70	0	0	31-12-2018	
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	31-12-2018	
O	DSM	Koninklijke DSM N.V.	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	80,1600	80	0	195	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,7600	22	0	10	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	11	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1000	17	0	20	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	55,0000	P	EUR	1,6400	1,6400	1,6400	-	1	1,6400	1,4900	1	139	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8300	13	0	183	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	215	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0500	9	0	2	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0800	4	0	109	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	70,0000	C	EUR	5,7500	5,7500	5,7500	-	1	5,7500	5,9800	6	1	151	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	70,0000	P	EUR	6,5500	6,5500	6,5500	-	1	6,5500	6,3100	6	1	324	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	75,0000	C	EUR	3,3400	3,3400	3,3400	-	1	3,3400	3,7300	4	10	234	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	75,0000	P	EUR	9,6500	9,6500	9,4700	-	3	9,4700	9,2800	9	5	912	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	80,0000	C	EUR	2,1600	2,1800	2,1600	-	2	2,1800	2,2300	2	20	334	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	80,0000	P	EUR	13,3000	13,3000	13,2200	-	2	13,2200	12,8900	13	4	209	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	85,0000	C	EUR	1,1500	1,1500	1,1500	-	1	1,1500	1,3100	1	1	72	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	85,0000	P	EUR	17,3700	17,3700	17,3700	-	1	17,3700	17,0400	17	1	69	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	108	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,5200	22	0	27	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	86	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,2000	26	0	10	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	8	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,0700	31	0	27	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	11	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,9300	41	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8800	51	0	20	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	70,9300	71	0	130	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	46,4500	46	0	0	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	150	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,4500	41	0	3	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	479	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,4800	36	0	3	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	285	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,5200	32	0	2	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	673	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5900	27	0	23	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	45,0000	P	EUR	0,6700	0,6700	0,6700	-	1	0,6700	0,6600	1	3	477	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8000	22	0	99	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	50,0000	P	EUR	1,2400	1,2400	1,2100	-	2	1,2100	1,1600	1	8	1682	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2600	17	0	91	31-12-2018	
O	DSM	Koninklijke DSM N.V.	20-12-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	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	DSM	Koninklijke DSM N.V.	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	1287	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	90,0000	P	EUR	22,8000	22,8000	22,8000	1	22,8000	21,9900	22	1	650	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	161	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5700	27	0	72	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	1534	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,3300	31	0	396	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	110,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2400	0	1	154	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,1400	41	0	40	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	4	31-12-2018
O	DSM	Koninklijke DSM N.V.	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	81,0800	81	0	344	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,9500	22	0	83	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200	2	0	43	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7700	14	0	191	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7100	5	0	496	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	70,0000	C	EUR	7,4000	7,4000	7,4000	1	7,4000	7,7500	8	1	96	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2900	9	0	121	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0100	4	0	61	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8500	16	0	100	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	90,0000	C	EUR	1,9100	1,9100	1,9100	2	1,9100	2,0000	2	10	155	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,0400	24	0	212	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	853	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,1700	33	0	199	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	23	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,6900	43	0	11	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	82,5000	83	0	27	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	46,4800	46	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	105	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,4500	41	0	0	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	204	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,5200	32	0	1	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	40,0000	P	EUR	1,1600	1,1600	1,1600	1	1,1600	1,1000	1	1	714	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	45,0000	C	EUR	25,8000	25,8000	25,8000	1	25,8000	26,7600	27	10	23	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	656	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1500	22	0	152	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	265	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9500	18	0	194	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2200	4	0	869	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2600	14	0	93	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	60,0000	P	EUR	6,2000	6,2000	6,2000	1	6,2000	6,0600	6	2	346	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1300	11	0	229	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	65,0000	P	EUR	8,3000	8,3000	8,3000	1	8,3000	8,2300	8	2	345	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	70,0000	C	EUR	8,1500	8,1500	8,1500	1	8,1500	8,5600	9	1	371	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8400	11	0	434	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	80,0000	C	EUR	4,5600	4,5600	4,5600	9	4,5600	4,9000	5	14	739	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	80,0000	P	EUR	17,6500	17,6500	17,6000	2	17,6000	17,4300	17	7	272	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	90,0000	C	EUR	2,6500	2,6500	2,6500	1	2,6500	2,6600	3	1	330	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	90,0000	P	EUR	25,7000	25,7000	25,7000	1	25,7000	25,4500	25	9	301	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	100,0000	C	EUR	1,4000	1,4000	1,4000	1	1,4000	1,5600	2	10	433	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,3200	34	0	187	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	226	31-12-2018
O	DSM	Koninklijke DSM N.V.	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	83,2400	83	0	405	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	40,0000	C	EUR	31,0500	31,0500	31,0500	1	31,0500	31,5500	32	1	11	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	175	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,7900	27	0	31	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100	3	0	206	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	50,0000	C	EUR	21,1400	22,1500	21,1400	2	22,1500	22,3600	22	8	98	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900	4	0	327	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4000	18	0	243	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	55,0000	P	EUR	6,1400	6,1400	6,1000	2	6,1000	6,1700	6	15	255	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9600	15	0	97	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2300	8	0	589	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1500	12	0	527	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	65,0000	P	EUR	10,8000	10,8000	10,8000	1	10,8000	10,7600	11	1	680	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7700	10	0	508	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5500	14	0	267	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7800	8	0	379	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7700	17	0	911	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	80,0000	C	EUR	6,1000	6,1000	6,1000	1	6,1000	6,1700	6	10	787	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,2800	20	0	368	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	90,0000	C	EUR	3,7000	3,7600	3,7000	3	3,7400	3,8700	4	6	297	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	90,0000	P	EUR	28,4500	28,4500	28,4500	1	28,4500	28,1800	28	1	79	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	100,0000	C	EUR	2,3600	2,3600	2,3600	1	2,3600	2,4300	2	10	775	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,8700	37	0	171	31-12-2018
O	DSM	Koninklijke DSM N.V.	17-12-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	244	31-12-20

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	DSM	Koninklijke DSM N.V.	16-12-2022	90,0000	P	EUR	30,5000	30,5000	30,5000	1	30,5000	30,5600	31	1	718	31-12-2018
O	DSM	Koninklijke DSM N.V.	16-12-2022	100,0000	C	EUR	3,0800	3,2200	3,0800	4	3,2200	3,3400	3	5	764	31-12-2018
O	DSM	Koninklijke DSM N.V.	16-12-2022	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,1300	39	0	323	31-12-2018
O	DSM	Koninklijke DSM N.V.	16-12-2022	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	300	31-12-2018
O	DSM	Koninklijke DSM N.V.	16-12-2022	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	86,8500	87	0	326	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	50,0000	C	EUR	22,2500	22,8000	22,2500	3	22,3500	22,7200	23	12	10	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9500	7	0	62	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	60,0000	C	EUR	16,0000	16,0000	16,0000	1	16,0000	16,0200	16	3	4	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5900	12	0	15	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4600	11	0	4	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5600	18	0	2	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	80,0000	C	EUR	7,5500	7,5500	7,5500	1	7,5500	8,0500	8	10	40	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,4400	24	0	55	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	100,0000	C	EUR	3,7700	3,7700	3,7700	1	3,7700	3,9200	4	10	64	31-12-2018
O	DSM	Koninklijke DSM N.V.	15-12-2023	100,0000	P	EUR	40,8000	40,8000	40,8000	1	40,8000	40,4700	40	10	10	31-12-2018
F	DV6	DSV - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	429,0941	429	0	0	31-12-2018
F	DV6	DSV - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	428,9460	429	0	0	31-12-2018
F	DV6	DSV - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	428,8172	429	0	0	31-12-2018
F	DV6	DSV - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	426,2954	426	0	0	31-12-2018
F	DV6	DSV - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	426,1418	426	0	0	31-12-2018
F	DV6	DSV - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	425,9738	426	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	359,9900	360	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	360,2200	360	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	360,5300	361	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	354,0300	354	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	350,0200	350	0	0	31-12-2018
F	DX6	Drax Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	350,9300	351	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,5359	21	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,5302	21	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,5262	21	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,8584	20	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,2952	19	0	0	31-12-2018
F	DZ6	ABN AMRO Group - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,2841	19	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,4365	17	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,4316	17	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,4283	17	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,2030	17	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	16,9816	17	0	0	31-12-2018
F	EB6	Ebro Foods SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	16,7819	17	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,1260	20	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,1204	20	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,1165	20	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,0987	20	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,4036	19	0	0	31-12-2018
F	EE6	Endesa SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,3924	19	0	0	31-12-2018
F	EE8	Endesa - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,3820	1	0	0	31-12-2018
F	EE8	Endesa - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4070	1	0	0	31-12-2018
F	EE8	Endesa - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4250	1	0	0	31-12-2018
F	EE8	Endesa - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4250	1	0	0	31-12-2018
F	EE8	Endesa - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4250	1	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	23,6053	24	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	23,5987	24	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	23,5942	24	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	23,5733	24	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,6399	23	0	0	31-12-2018
F	EG6	Enagas SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,9869	22	0	0	31-12-2018
F	EG8	Enagas - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600	1	0	195	31-12-2018
F	EG8	Enagas - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	90	31-12-2018
F	EG8	Enagas - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	20	31-12-2018
F	EG8	Enagas - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
F	EG8	Enagas - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,0728	36	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,0627	36	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,0558	36	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,2751	34	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,2520	34	0	0	31-12-2018
F	EI6	Elisa OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,2323	34	0	0	31-12-2018
F	EI8	Elisa - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	0	31-12-2018
F	EI8	Elisa - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	0	31-12-2018
F	EI8	Elisa - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
F	EI8	Elisa - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
F	EI8	Elisa - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
F	EJ8	Skandinaviska Enskilda Banken A - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
F	EJ8	Skandinaviska Enskilda Banken A - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,2500	6	0	0	31-12-2018
F	EJ8	Skandinaviska Enskilda Banken A - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,5000	7	0	0	31-12-2018
F	EJ8	Skandinaviska Enskilda Banken A - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,7500	7	0	0	31-12-2018
F	EJ8	Skandinaviska														

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	EQQ	E.ON - Stock Option	18-6-2021	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900		3	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700		4	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7000		5	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6300		7	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	31-12-2018
O	EQQ	E.ON - Stock Option	18-6-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6100		8	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300		2	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600		3	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018
O	EQQ	E.ON - Stock Option	17-12-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6300		8	0	31-12-2018
F	EP6	Experian - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1881,7300		1882	0	31-12-2018
F	EP6	Experian - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1882,9300		1883	0	31-12-2018
F	EP6	Experian - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1884,5400		1885	0	31-12-2018
F	EP6	Experian - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1889,3200		1889	0	31-12-2018
F	EP6	Experian - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1868,1300		1868	0	31-12-2018
F	EP6	Experian - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1872,9900		1873	0	31-12-2018
F	EP8	Experian - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,4730		0	0	31-12-2018
F	EP8	Experian - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,5020		1	0	31-12-2018
F	EP8	Experian - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,5020		1	0	31-12-2018
F	EP8	Experian - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,5020		1	0	31-12-2018
F	EP8	Experian - Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,5020		1	0	31-12-2018
F	ER6	Ericsson B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	77,8987		78	0	31-12-2018
F	ER6	Ericsson B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	77,8884		78	0	31-12-2018
F	ER6	Ericsson B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	77,8904		78	0	31-12-2018
F	ER6	Ericsson B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	76,8485		77	0	31-12-2018
F	ER6	Ericsson B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	76,8238		77	0	31-12-2018
F	ER6	Ericsson B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	76,8155		77	0	31-12-2018
F	ER8	Ericsson B - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	31-12-2018
F	ER8	Ericsson B - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
F	ER8	Ericsson B - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
F	ER8	Ericsson B - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
F	ER8	Ericsson B - Dividend	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
F	ET6	Electrolux B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	187,0489		187	0	31-12-2018
F	ET6	Electrolux B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	187,0242		187	0	31-12-2018
F	ET6	Electrolux B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	187,0289		187	0	31-12-2018
F	ET6	Electrolux B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	182,6288		183	0	31-12-2018
F	ET6	Electrolux B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	182,5704		183	0	31-12-2018
F	ET6	Electrolux B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	178,2520		178	0	31-12-2018
F	ET8	Electrolux B - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	9,0000		9	0	31-12-2018
F	ET8	Electrolux B - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,0000		10	0	31-12-2018
F	ET8	Electrolux B - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	ET8	Electrolux B - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	11,0000		11	0	31-12-2018
F	ET8	Electrolux B - Dividend	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	11,0000		11	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500		4	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700		1	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	29,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	31-12-2018
O	EUE	EUE Stock Option (Underlying: iShares Core EURO STOXX 50 UC)	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600				

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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	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5162		8	0	31-12-2018
F	FC6	Leonardo SpA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5111		8	0	31-12-2018
F	FC6	Leonardo SpA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5067		8	0	31-12-2018
F	FI6	Firstgroup - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	83,4300		83	0	31-12-2018
F	FI6	Firstgroup - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	83,4800		83	0	31-12-2018
F	FI6	Firstgroup - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	83,5600		84	0	31-12-2018
F	FI6	Firstgroup - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	83,7700		84	0	31-12-2018
F	FI6	Firstgroup - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	83,9800		84	0	31-12-2018
F	FI6	Firstgroup - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,2000		84	0	31-12-2018
F	FJ8	Salvatore Ferragamo - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	31-12-2018
F	FJ8	Salvatore Ferragamo - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
F	FJ8	Salvatore Ferragamo - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
F	FJ8	Salvatore Ferragamo - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
F	FJ8	Salvatore Ferragamo - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
F	FK8	Fiat Chrysler Automobiles - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5248		1	0	31-12-2018
F	FK8	Fiat Chrysler Automobiles - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4675		0	160	31-12-2018
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	31-12-2018
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	31-12-2018
F	FK8	Fiat Chrysler Automobiles - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	293,0277		293	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	292,9265		293	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	292,8386		293	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	284,1244		284	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	284,0232		284	0	31-12-2018
F	FL6	FLSmidth & Co - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	283,9118		284	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0100		4	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400		3	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	25,0000	P	EUR	0,1900	0,1900	0,1900	2	0,1900	0,2000		0	3	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	26,5000	P	EUR	0,4100	0,4100	0,4100	1	0,4100	0,4200		0	1	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	27,0000	P	EUR	0,5500	0,5500	0,5500	2	0,5500	0,5500		1	11	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	27,5000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0500		1	2	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	28,0000	C	EUR	0,7000	0,8000	0,7000	4	0,8000	0,7500		1	26	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	28,0000	P	EUR	0,9500	0,9500	0,9500	1	0,9500	0,9200		1	2	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	28,5000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5500		1	3	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	29,0000	C	EUR	0,3900	0,4200	0,3900	2	0,4200	0,4000		0	3	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	29,0000	P	EUR	1,5000	1,5000	1,5000	1	1,5000	1,5700		2	5	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	29,5000	C	EUR	0,2700	0,2700	0,2700	1	0,2700	0,2800		0	5	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	30,0000	C	EUR	0,2000	0,2300	0,2000	5	0,2300	0,2000		0	10	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	31,0000	C	EUR	0,1200	0,1200	0,1100	3	0,1100	0,0900		0	23	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600		3	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100		4	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700		6	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1700		8	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400		5	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4800		4	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500		4	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	25,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800		3	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	26,0000	P	EUR	1,0600	1,0600	1,0500	2	1,0500	1,0700		1	3	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5500		3	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	26,5000	P	EUR	1,2000	1,2000	1,2000	2	1,2000	1,2200		1	2	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	27,5000	C	EUR	2,0000	2,0000	2,0000	1	2,0000	1,9400		2	2	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	28,0000	C	EUR	1,6500	1,6500	1,6500	2	1,6500	1,6700		2	11	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	28,5000	C	EUR	1,4500	1,4500	1,4500	1	1,4500	1,4200		1	10	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	29,0000	C	EUR	1,2000	1,2000	1,2000	1	1,2000	1,2200		1	2	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	29,5000	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	FLW	Flow Traders - Stock Option	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	17	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4500	6	0	266	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	6	31-12-2018
O	FLW	Flow Traders - Stock Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3400	8	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0000	12	0	87	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	25	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0800	10	0	33	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	23	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1900	8	0	70	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	298	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	22,0000	C	EUR	6,3500	6,3500	6,3500	1	6,3500	6,3300	6	1	138	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	22,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,5100	3	203	31-12-2018	
O	FLW	Flow Traders - Stock Option	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500	5	0	53	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300	1	0	116	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	24,0000	C	EUR	4,6500	4,6500	4,6500	1	4,6500	4,6300	5	1	132	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	896	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8500	4	0	102	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	25,0000	P	EUR	0,9500	0,9500	0,9500	1	0,9500	1,0300	1	1	642	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100	3	0	204	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	26,0000	P	EUR	1,2500	1,2500	1,2500	2	1,2500	1,2800	1	2	430	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500	3	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600	2	0	243	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	203	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600	2	0	9	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900	2	0	372	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700	2	0	223	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500	2	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3300	2	0	0	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	546	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100	3	0	231	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	525	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400	3	0	240	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	32,0000	C	EUR	0,6500	0,6500	0,6500	12	0,6500	0,6000	1	67	404	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7800	5	0	432	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	34,0000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,3400	0	199	31-12-2018	
O	FLW	Flow Traders - Stock Option	15-3-2019	34,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	6,5300	7	0	133	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	267	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4000	8	0	175	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	125	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2700	12	0	7	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	47	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2100	17	0	3	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	60	31-12-2018
O	FLW	Flow Traders - Stock Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,2000	22	0	70	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1600	10	0	150	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	189	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3300	8	0	34	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	66	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6200	7	0	3	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	480	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200	5	0	124	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	24,0000	P	EUR	1,6500	1,6500	1,6500	1	1,6500	1,6500	2	3	1015	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800	4	0	159	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	73	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000	4	0	52	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	26,0000	P	EUR	2,4000	2,4000	2,4000	1	2,4000	2,3200	2	6	18	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100	3	0	373	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700	3	0	196	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	28,0000	C	EUR	2,5400	2,5400	2,5400	1	2,5400	2,5200	3	3	252	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	160	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	29,0000	C	EUR	2,0500	2,1000	2,0500	2	2,1000	2,0800	2	70	113	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9200	4	0	85	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	513	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900	5	0	220	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	81	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1000	6	0	117	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	97	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200	9	0	278	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	40,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2400	0	1	26	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2000	13	0	47	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	146	31-12-2018
O	FLW	Flow Traders - Stock Option	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0600	18	0	17	31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2700	8	0	4	31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	28	31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	22,00												

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	FLW	Flow Traders - Stock Option	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2900		4	0	2 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	0 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	0 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	30,0000	C	EUR	1,9900	2,1500	1,9900	2	2,1500	2,0200		2	4	7 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500		6	0	0 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	1 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6500		10	15	31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	0 31-12-2018
O	FLW	Flow Traders - Stock Option	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2000		14	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	56,6287		57	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	56,6129		57	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	56,6020		57	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	55,4023		55	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	55,3649		55	0	0 31-12-2018
F	FM6	Fresenius Medical Care AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	55,3329		55	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	860,3100		860	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	860,8700		861	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	861,6000		862	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	846,3700		846	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	838,9900		839	0	0 31-12-2018
F	FN6	Fresnillo - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	841,1800		841	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2043,7400		2044	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2045,0600		2045	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2046,8100		2047	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2039,6900		2040	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2044,8100		2045	0	0 31-12-2018
F	FO6	Associated British Foods - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2015,1800		2015	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	62,4476		62	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	62,4301		62	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	62,4181		62	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,5633		61	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,5224		61	0	0 31-12-2018
F	FP6	Fraport AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	60,4875		60	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	42,3716		42	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	42,3597		42	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	42,3516		42	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,7143		42	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6861		42	0	0 31-12-2018
F	FS6	Fresenius SE & Co KGaA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6620		42	0	0 31-12-2018
F	FS8	Fresenius - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
F	FS8	Fresenius - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	0 31-12-2018
F	FS8	Fresenius - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	0 31-12-2018
F	FS8	Fresenius - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	0 31-12-2018
F	FS8	Fresenius - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4600		8	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5100		7	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700		6	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6200		5	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	38,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2200		4	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	38,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	39,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800		3	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	39,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9600		3	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		1	25	31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	40,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100		3	0	2 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	40,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	41,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	41,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700		2	0	75 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	25	31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	42,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3900		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	42,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	43,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	43,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	1 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	0 31-12-2018
O	FSQ	Fresenius - Stock Option	18-1-2019	44,5000	C	EUR	0,0000	0,0000	0,0000	-	0					

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open interest	Open Interest Date
O	FSQ	Fresenius - Stock Option	18-12-2020	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,6000	25	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,4800	29	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,4200	34	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,4000	39	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,4000	49	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	59,4300	59	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4200	17	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9700	13	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7500	10	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000	3	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3200	8	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0300	7	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5200	5	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9000	6	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500	5	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5800	7	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8000	8	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7100	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4500	8	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500	3	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1100	9	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400	3	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5700	11	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0700	12	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7000	14	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3700	15	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2400	16	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1100	17	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9100	19	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7500	21	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	65,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	65,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,4600	25	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,2900	30	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,2000	35	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,1600	40	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	50,1200	50	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	18-6-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	60,1300	60	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1300	13	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400	2	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3100	9	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8300	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3800	7	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300	5	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2600	6	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9700	6	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3200	5	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000	7	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4700	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2900	8	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500	4	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6100	10	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900	3	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5100	13	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	1	0	0	31-12-2018
O	FSQ	Fresenius - Stock Option	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0000	21	0	0	31-12-2018
F	FUG	Fugro NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5400	8	0	0	31-12-2018
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	FUB	Fugro - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
F	FUB	Fugro - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
F	FUB	Fugro - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	FUR	FUGRO	18-1-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900	2	0	0	31-12-2018
O	FUR	FUGRO	18-1-2019	6,0000	P	EUR	0,1600	0,2000	0,1600	4	0,2000	0,1500	0	13	74	31-12-2018
O	FUR	FUGRO	18-1-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	0	31-12-2018
O	FUR	FUGRO	18-1-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	6	31-12-2018
O	FUR	FUGRO	18-1-2019	6,8000	C	EUR	1,1000	1,1000	1,1000	2	1,1000	1,0400	1	4	6	31-12-2018
O	FUR	FUGRO	18-1-2019	6,8000	P	EUR	0,3100	0,3100	0,3100	1	0,3100	0,2900	0	3	107	31-12-2018
O	FUR	FUGRO	18-1-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	12	31-12-2018
O	FUR	FUGRO	18-1-2019	7,0000	P	EUR	0,3500	0,3600	0,3500	4	0,3600	0,3600	0	13	23	31-12-2018
O	FUR	FUGRO	18-1-2019	7,2000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7600	1	1	14	31-12-2018
O	FUR	FUGRO	18-1-2019	7,2000	P	EUR	0,4300	0,4300	0,4300	2	0,4300	0,4200	0	2	24	31-12-2018
O	FUR	FUGRO	18-1-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	15	31-12-2018
O	FUR	FUGRO	18-1-2019	7,4000	P	EUR	0,5500	0,5500	0,5000	4	0,5000	0,4900	0	25	128	31-12-2018
O	FUR	FUGRO	18-1-2019	7,6000	C	EUR	0,4500	0,5000	0,4500	3	0,5000	0,5200	1	34	78	31-12-2018
O	FUR	FUGRO	18-1-2019	7,6000	P	EUR	0,6000	0,6000	0,6000	2	0,6000	0,5800	1	13	68	31-12-2018
O	FUR	FUGRO	18-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	33	31-12-2018
O	FUR	FUGRO	18-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800	1	0	3	31-12-2018
O	FUR	FUGRO	18-1-2019	8,0000	C	EUR	0,3000	0,3600	0,3000	7	0,3600	0,3300	0	79	474	31-12-2018
O	FUR	FUGRO	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	149	31-12-2018
O	FUR	FUGRO	18-1-2019	8,2000	C	EUR	0,2700	0,2700	0,2500	5	0,2500	0,2600	0	37	121	31-12-2018
O	FUR	FUGRO	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	26	31-12-2018
O	FUR	FUGRO	18-1-2019	8,4000	C	EUR	0,2200	0,2200	0,1700	5	0,1700	0,1900	0	86	162	31-12-2018
O	FUR	FUGRO	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	36	31-12-2018
O	FUR	FUGRO	18-1-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	56	31-12-2018
O	FUR	FUGRO	18-1-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	36	31-12-2018
O	FUR	FUGRO	18-1-2019	8,8000	C	EUR	0,1300	0,1300	0,0800	2	0,0800	0,1000	0	4	163	31-12-2018
O	FUR	FUGRO	18-1-2019	8,8000	P	EUR	1,4000	1,4000	1,4000	1	1,4000	1,3600	1	2	447	31-12-2018
O	FUR	FUGRO	18-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	89	31-12-2018
O	FUR	FUGRO	18-1-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	45	31-12-2018
O	FUR	FUGRO	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	103	31-12-2018
O	FUR	FUGRO	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100	2	0	120	31-12-2018
O	FUR	FUGRO	18-1-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	29	31-12-2018
O	FUR	FUGRO	18-1-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000	2	0	19	31-12-2018
O	FUR	FUGRO	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	258	31-12-2018
O	FUR	FUGRO	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900	2	0	69	31-12-2018
O	FUR	FUGRO	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	36	31-12-2018
O	FUR	FUGRO	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	52	31-12-2018
O	FUR	FUGRO	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	231	31-12-2018
O	FUR	FUGRO	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	320	31-12-2018
O	FUR	FUGRO	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	232	31-12-2018
O	FUR	FUGRO	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9600	3	0	186	31-12-2018
O	FUR	FUGRO	18-1-2019	11,0000	C	EUR	0,0100	0,0100	0,0100	4	0,0100	0,0100	0	75	343	31-12-2018
O	FUR	FUGRO	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600	3	0	287	31-12-2018
O	FUR	FUGRO	18-1-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	204	31-12-2018
O	FUR	FUGRO	18-1-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600	4	0	92	31-12-2018
O	FUR	FUGRO	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	504	31-12-2018
O	FUR	FUGRO	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600	4	0	195	31-12-2018
O	FUR	FUGRO	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	54	31-12-2018
O	FUR	FUGRO	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600	5	0	45	31-12-2018
O	FUR	FUGRO	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	51	31-12-2018
O	FUR	FUGRO	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4600	6	0	11	31-12-2018
O	FUR	FUGRO	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	15	31-12-2018
O	FUR	FUGRO	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4600	7	0	4	31-12-2018
O	FUR	FUGRO	15-2-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600	2	0	0	31-12-2018
O	FUR	FUGRO	15-2-2019	6,0000	P	EUR	0,4300	0,4300	0,4000	3	0,4300	0,4200	0	6	8	31-12-2018
O	FUR	FUGRO	15-2-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	0	31-12-2018
O	FUR	FUGRO	15-2-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	3	31-12-2018
O	FUR	FUGRO	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	0	31-12-2018
O	FUR	FUGRO	15-2-2019	6,8000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6400	1	1	18	31-12-2018
O	FUR	FUGRO	15-2-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	0	31-12-2018
O	FUR	FUGRO	15-2-2019	7,0000	P	EUR	0,7000	0,7000	0,7000	1	0,7000	0,7100	1	1	1	31-12-2018
O	FUR	FUGRO	15-2-2019	7,2000	C	EUR	1,1000	1,1000	1,1000	1	1,1000	1,1200	1	7	7	31-12-2018
O	FUR	FUGRO	15-2-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	15	31-12-2018
O	FUR	FUGRO	15-2-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	FUR	FUGRO	15-2-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	61	31-12-2018
O	FUR	FUGRO	15-2-2019	7,6000	C	EUR	0,8000	0,8000	0,8000	2	0,8000	0,9000	1	5	187	31-12-2018
O	FUR	FUGRO	15-2-2019	7,6000	P	EUR	1,0000	1,0000	1,0000	2	1,0000	0,9500	1	7	64	31-12-2018
O	FUR	FUGRO	15-2-2019	7,8000	C	EUR	0,8500	0,9000	0,8000	8	0,8000	0,7900	1	205	250	31-12-2018
O	FUR	FUGRO	15-2-2019	7,8000	P	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0500	1	7	12	31-12-2018
O	FUR	FUGRO	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	41	31-12-2018
O	FUR	FUGRO	15-2-2019	8,0000	P	EUR	1,2000	1,2000	1,2000	1	1,2000	1,1600	1	1	17	31-12-2018
O	FUR	FUGRO	15-2-2019	8,2000	C	EUR	0,6000	0,6000	0,5800	2	0,5800	0,5900	1	3	28	31-12-2018
O	FUR	FUGRO	15-2-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	2	31-12-2018
O	FUR	FUGRO	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	9	31-12-2018
O	FUR	FUGRO	15-2-2019	8,4000	P	EUR	1,4000	1,4000	1,4000	1	1,4000	1,4100	1	2	22	31-12-2018
O	FUR	FUGRO	15-2-2019	8,6000	C	EUR	0,4600	0,4800	0,4600	2	0,4800	0,5000	1	6	16	31-12-2018
O	FUR	FUGRO	15-2-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	7	31-12-2018
O	FUR	FUGRO	15-2-2													

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	FUR	FUGRO	15-2-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	35	31-12-2018
O	FUR	FUGRO	15-2-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400	2	0	3	31-12-2018
O	FUR	FUGRO	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	28	31-12-2018
O	FUR	FUGRO	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	23	31-12-2018
O	FUR	FUGRO	15-2-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	28	31-12-2018
O	FUR	FUGRO	15-2-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	15	31-12-2018
O	FUR	FUGRO	15-2-2019	10,0000	C	EUR	0,1800	0,1800	0,1800	1	0,1800	0,1700	0	1	277	31-12-2018
O	FUR	FUGRO	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300	3	0	104	31-12-2018
O	FUR	FUGRO	15-2-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	187	31-12-2018
O	FUR	FUGRO	15-2-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	110	31-12-2018
O	FUR	FUGRO	15-2-2019	11,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0900	0	1	79	31-12-2018
O	FUR	FUGRO	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	35	31-12-2018
O	FUR	FUGRO	15-2-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	124	31-12-2018
O	FUR	FUGRO	15-2-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	48	31-12-2018
O	FUR	FUGRO	15-2-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	64	31-12-2018
O	FUR	FUGRO	15-2-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5000	5	0	36	31-12-2018
O	FUR	FUGRO	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	95	31-12-2018
O	FUR	FUGRO	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4800	5	0	6	31-12-2018
O	FUR	FUGRO	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	16	31-12-2018
O	FUR	FUGRO	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4700	6	0	42	31-12-2018
O	FUR	FUGRO	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700	3	0	30	31-12-2018
O	FUR	FUGRO	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	107	31-12-2018
O	FUR	FUGRO	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	33	31-12-2018
O	FUR	FUGRO	15-3-2019	6,0000	P	EUR	0,6500	0,7000	0,6500	2	0,7000	0,6700	1	4	1885	31-12-2018
O	FUR	FUGRO	15-3-2019	6,4000	C	EUR	1,9500	1,9500	1,9500	1	1,9500	1,9300	2	6	256	31-12-2018
O	FUR	FUGRO	15-3-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	6,8000	P	EUR	0,9500	0,9500	0,9500	1	0,9500	0,9200	1	1	2	31-12-2018
O	FUR	FUGRO	15-3-2019	7,0000	C	EUR	1,6000	1,6000	1,6000	9	1,6000	1,5500	2	179	329	31-12-2018
O	FUR	FUGRO	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	467	31-12-2018
O	FUR	FUGRO	15-3-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	5	31-12-2018
O	FUR	FUGRO	15-3-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	5	31-12-2018
O	FUR	FUGRO	15-3-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	1	31-12-2018
O	FUR	FUGRO	15-3-2019	7,5000	C	EUR	1,2500	1,2500	1,2500	1	1,2500	1,2600	1	5	5	31-12-2018
O	FUR	FUGRO	15-3-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	25	31-12-2018
O	FUR	FUGRO	15-3-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	7,6000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	1	31-12-2018
O	FUR	FUGRO	15-3-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	3	31-12-2018
O	FUR	FUGRO	15-3-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	7	31-12-2018
O	FUR	FUGRO	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	204	31-12-2018
O	FUR	FUGRO	15-3-2019	8,0000	P	EUR	1,5000	1,5000	1,5000	1	1,5000	1,4900	1	25	2196	31-12-2018
O	FUR	FUGRO	15-3-2019	8,2000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9400	1	1	1	31-12-2018
O	FUR	FUGRO	15-3-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	10	31-12-2018
O	FUR	FUGRO	15-3-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	161	31-12-2018
O	FUR	FUGRO	15-3-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	241	31-12-2018
O	FUR	FUGRO	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	286	31-12-2018
O	FUR	FUGRO	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	2568	31-12-2018
O	FUR	FUGRO	15-3-2019	9,2000	C	EUR	0,6000	0,6500	0,6000	2	0,6500	0,6200	1	2	5	31-12-2018
O	FUR	FUGRO	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	0	31-12-2018
O	FUR	FUGRO	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	415	31-12-2018
O	FUR	FUGRO	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	729	31-12-2018
O	FUR	FUGRO	15-3-2019	10,0000	C	EUR	0,4000	0,4000	0,4000	2	0,4000	0,4300	0	25	1262	31-12-2018
O	FUR	FUGRO	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900	3	0	961	31-12-2018
O	FUR	FUGRO	15-3-2019	11,0000	C	EUR	0,2800	0,2800	0,2300	4	0,2500	0,2800	0	8	2549	31-12-2018
O	FUR	FUGRO	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7400	4	0	1636	31-12-2018
O	FUR	FUGRO	15-3-2019	12,0000	C	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1700	0	1	3460	31-12-2018
O	FUR	FUGRO	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6400	5	0	1655	31-12-2018
O	FUR	FUGRO	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1995	31-12-2018
O	FUR	FUGRO	15-3-2019	13,0000	P	EUR	5,6000	5,6000	5,6000	1	5,6000	5,5900	6	2	806	31-12-2018
O	FUR	FUGRO	15-3-2019	14,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0900	0	2	782	31-12-2018
O	FUR	FUGRO	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5500	7	0	1028	31-12-2018
O	FUR	FUGRO	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	427	31-12-2018
O	FUR	FUGRO	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5200	8	0	228	31-12-2018
O	FUR	FUGRO	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	463	31-12-2018
O	FUR	FUGRO	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5000	9	0	156	31-12-2018
O	FUR	FUGRO	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	280	31-12-2018
O	FUR	FUGRO	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4800	10	0	51	31-12-2018
O	FUR	FUGRO	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8	31-12-2018
O	FUR	FUGRO	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4800	12	0	41	31-12-2018
O	FUR	FUGRO	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6400	4	0	0	31-12-2018
O	FUR	FUGRO	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	0	31-12-2018
O	FUR	FUGRO	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900	3	0	31	31-12-2018
O	FUR	FUGRO	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	0	31-12-2018
O	FUR	FUGRO	21-6-2019	6,0000	C	EUR	2,7500	2,7500	2,7500	1	2,7500	2,6100	3	1	561	31-12-2018
O	FUR	FUGRO	21-6-2019	6,0000	P	EUR	1,1500	1,1500	1,1000	4	1,1300	1,1100	1	20	12838	31-12-2018
O	FUR	FUGRO	21-6-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	0	31-12-2018
O	FUR															

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	21-6-2019	8,0000	P	EUR	2,2000	2,2000	2,1500	3	2,1500	2,0900	2	16	8149	31-12-2018
O	FUR	FUGRO	21-6-2019	8,5000	C	EUR	1,4000	1,4000	1,4000	3	1,4000	1,3500	1	11	13	31-12-2018
O	FUR	FUGRO	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	117	31-12-2018
O	FUR	FUGRO	21-6-2019	9,0000	C	EUR	1,2000	1,2000	1,1200	4	1,1200	1,1500	1	34	684	31-12-2018
O	FUR	FUGRO	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600	3	0	2957	31-12-2018
O	FUR	FUGRO	21-6-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	129	31-12-2018
O	FUR	FUGRO	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100	3	0	411	31-12-2018
O	FUR	FUGRO	21-6-2019	10,0000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,8900	1	2	3103	31-12-2018
O	FUR	FUGRO	21-6-2019	10,0000	P	EUR	3,4500	3,4500	3,4500	3	3,4500	3,4100	3	35	5938	31-12-2018
O	FUR	FUGRO	21-6-2019	11,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6400	1	5	866	31-12-2018
O	FUR	FUGRO	21-6-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1600	4	0	797	31-12-2018
O	FUR	FUGRO	21-6-2019	12,0000	C	EUR	0,4600	0,5500	0,4600	4	0,5500	0,5000	1	28	3085	31-12-2018
O	FUR	FUGRO	21-6-2019	12,0000	P	EUR	5,2000	5,2000	5,2000	1	5,2000	5,0200	5	5	2849	31-12-2018
O	FUR	FUGRO	21-6-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	485	31-12-2018
O	FUR	FUGRO	21-6-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8900	6	0	720	31-12-2018
O	FUR	FUGRO	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	2063	31-12-2018
O	FUR	FUGRO	21-6-2019	14,0000	P	EUR	6,8000	6,9000	6,8000	3	6,9000	6,8100	7	4	1044	31-12-2018
O	FUR	FUGRO	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	1866	31-12-2018
O	FUR	FUGRO	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6900	9	0	957	31-12-2018
O	FUR	FUGRO	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	56	31-12-2018
O	FUR	FUGRO	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6400	11	0	35	31-12-2018
O	FUR	FUGRO	21-6-2019	20,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700	0	2	861	31-12-2018
O	FUR	FUGRO	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6000	13	0	1302	31-12-2018
O	FUR	FUGRO	20-9-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100	4	0	0	31-12-2018
O	FUR	FUGRO	20-9-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	FUR	FUGRO	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4800	3	0	10	31-12-2018
O	FUR	FUGRO	20-9-2019	5,0000	P	EUR	1,0500	1,0500	1,0500	1	1,0500	0,9900	1	4	96	31-12-2018
O	FUR	FUGRO	20-9-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500	3	0	1	31-12-2018
O	FUR	FUGRO	20-9-2019	6,0000	P	EUR	1,4000	1,4000	1,4000	1	1,4000	1,3600	1	4	216	31-12-2018
O	FUR	FUGRO	20-9-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5400	3	0	0	31-12-2018
O	FUR	FUGRO	20-9-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	0	31-12-2018
O	FUR	FUGRO	20-9-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900	2	0	84	31-12-2018
O	FUR	FUGRO	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	1568	31-12-2018
O	FUR	FUGRO	20-9-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900	2	0	10	31-12-2018
O	FUR	FUGRO	20-9-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	20	31-12-2018
O	FUR	FUGRO	20-9-2019	8,0000	C	EUR	1,9000	1,9000	1,9000	1	1,9000	1,8300	2	4	82	31-12-2018
O	FUR	FUGRO	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	1186	31-12-2018
O	FUR	FUGRO	20-9-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	20	31-12-2018
O	FUR	FUGRO	20-9-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800	3	0	9	31-12-2018
O	FUR	FUGRO	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	60	31-12-2018
O	FUR	FUGRO	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000	3	0	110	31-12-2018
O	FUR	FUGRO	20-9-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	48	31-12-2018
O	FUR	FUGRO	20-9-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	115	31-12-2018
O	FUR	FUGRO	20-9-2019	10,0000	C	EUR	1,1000	1,1000	1,1000	1	1,1000	1,0600	1	1	229	31-12-2018
O	FUR	FUGRO	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	240	31-12-2018
O	FUR	FUGRO	20-9-2019	11,0000	C	EUR	0,9000	0,9000	0,9000	1	0,9000	0,8700	1	12	197	31-12-2018
O	FUR	FUGRO	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	255	31-12-2018
O	FUR	FUGRO	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900	1	0	65	31-12-2018
O	FUR	FUGRO	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2200	5	0	141	31-12-2018
O	FUR	FUGRO	20-9-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	189	31-12-2018
O	FUR	FUGRO	20-9-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800	6	0	284	31-12-2018
O	FUR	FUGRO	20-9-2019	14,0000	C	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4500	0	3	57	31-12-2018
O	FUR	FUGRO	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800	7	0	71	31-12-2018
O	FUR	FUGRO	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	64	31-12-2018
O	FUR	FUGRO	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8400	9	0	62	31-12-2018
O	FUR	FUGRO	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	8	31-12-2018
O	FUR	FUGRO	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7500	11	0	43	31-12-2018
O	FUR	FUGRO	20-12-2019	4,5000	C	EUR	4,0000	4,0000	3,9000	2	3,9000	3,9500	4	2	3	31-12-2018
O	FUR	FUGRO	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700	1	0	7	31-12-2018
O	FUR	FUGRO	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500	4	0	0	31-12-2018
O	FUR	FUGRO	20-12-2019	5,0000	P	EUR	1,2000	1,2000	1,2000	3	1,2000	1,1700	1	36	59	31-12-2018
O	FUR	FUGRO	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900	3	0	367	31-12-2018
O	FUR	FUGRO	20-12-2019	6,0000	P	EUR	1,6500	1,6500	1,6000	4	1,6000	1,6100	2	9	21221	31-12-2018
O	FUR	FUGRO	20-12-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	0	31-12-2018
O	FUR	FUGRO	20-12-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	0	31-12-2018
O	FUR	FUGRO	20-12-2019	7,0000	C	EUR	2,6000	2,6000	2,6000	2	2,6000	2,5600	3	22	22	31-12-2018
O	FUR	FUGRO	20-12-2019	7,0000	P	EUR	2,0500	2,0500	2,0500	1	2,0500	2,0900	2	5	129	31-12-2018
O	FUR	FUGRO	20-12-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3300	2	0	1	31-12-2018
O	FUR	FUGRO	20-12-2019	7,5000	P	EUR	2,4000	2,4000	2,4000	2	2,4000	2,3600	2	20	83	31-12-2018
O	FUR	FUGRO	20-12-2019	8,0000	C	EUR	2,1000	2,1000	2,0500	4	2,1000	2,1400	2	71	309	31-12-2018
O	FUR	FUGRO	20-12-2019	8,0000	P	EUR	2,6500	2,6500	2,6500	12	2,6500	2,6600	3	200	7602	31-12-2018
O	FUR	FUGRO	20-12-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	62	31-12-2018
O	FUR	FUGRO	20-12-2019	8,5000	P	EUR	2,8000	2,8000	2,8000	1	2,8000	2,9700	3	1	1	31-12-2018
O	FUR	FUGRO	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	412	31-12-2018
O	FUR	FUGRO	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000	3	0	841	31-12-2018
O	FUR	FUGRO	20-12-2019	10,0000	C	EUR	1,3000	1,3600	1,3000	5	1,3600	1,3500	1	10	1119	31-12-2018
O	FUR	FUGRO	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800	4	0	4073	31-12-2018
O	FUR	FUGRO	20-12-2019	12,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	0,8900	1	1	1421	31-12-2018
O	FUR	FUGRO	20-12-2019	12,0000	P	EUR	5,7000	5,7000	5,7000	1	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	FUR	FUGRO	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	1105	31-12-2018
O	FUR	FUGRO	20-12-2019	20,0000	P	EUR	13,0500	13,0500	13,0500	1	13,0500	12,8100	13	4	1337	31-12-2018
O	FUR	FUGRO	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7900	4	0	0	31-12-2018
O	FUR	FUGRO	19-6-2020	5,0000	P	EUR	1,3500	1,3500	1,3500	1	1,3500	1,3400	1	1	10	31-12-2018
O	FUR	FUGRO	19-6-2020	6,0000	C	EUR	3,2000	3,2000	3,2000	1	3,2000	3,2400	3	1	37	31-12-2018
O	FUR	FUGRO	19-6-2020	6,0000	P	EUR	1,8500	1,8500	1,7500	5	1,8000	1,7900	2	43	15641	31-12-2018
O	FUR	FUGRO	19-6-2020	7,0000	C	EUR	2,8000	2,8500	2,8000	3	2,8100	2,7600	3	18	24	31-12-2018
O	FUR	FUGRO	19-6-2020	7,0000	P	EUR	2,3500	2,3500	2,3500	2	2,3500	2,3100	2	14	524	31-12-2018
O	FUR	FUGRO	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700	2	0	303	31-12-2018
O	FUR	FUGRO	19-6-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	7910	31-12-2018
O	FUR	FUGRO	19-6-2020	9,0000	C	EUR	1,9000	2,0500	1,9000	5	2,0500	2,0200	2	7	190	31-12-2018
O	FUR	FUGRO	19-6-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5800	4	0	4103	31-12-2018
O	FUR	FUGRO	19-6-2020	10,0000	C	EUR	1,6200	1,6200	1,6100	2	1,6100	1,6500	2	10	3649	31-12-2018
O	FUR	FUGRO	19-6-2020	10,0000	P	EUR	4,3000	4,3000	4,3000	1	4,3000	4,2200	4	2	3731	31-12-2018
O	FUR	FUGRO	19-6-2020	12,0000	C	EUR	1,2000	1,2000	1,2000	2	1,2000	1,1900	1	27	841	31-12-2018
O	FUR	FUGRO	19-6-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700	6	0	546	31-12-2018
O	FUR	FUGRO	19-6-2020	14,0000	C	EUR	0,9000	0,9000	0,8000	2	0,8000	0,8700	1	31	3248	31-12-2018
O	FUR	FUGRO	19-6-2020	14,0000	P	EUR	7,5000	7,5000	7,5000	1	7,5000	7,4500	7	2	1082	31-12-2018
O	FUR	FUGRO	19-6-2020	16,0000	C	EUR	0,6200	0,7000	0,6200	2	0,7000	0,6400	1	10	1971	31-12-2018
O	FUR	FUGRO	19-6-2020	16,0000	P	EUR	9,4500	9,4500	9,4500	1	9,4500	9,2300	9	15	79	31-12-2018
O	FUR	FUGRO	19-6-2020	20,0000	C	EUR	0,3900	0,3900	0,3900	1	0,3900	0,4000	0	1	214	31-12-2018
O	FUR	FUGRO	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0100	13	0	785	31-12-2018
O	FUR	FUGRO	18-12-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	0	31-12-2018
O	FUR	FUGRO	18-12-2020	5,0000	P	EUR	1,6500	1,6500	1,3500	10	1,4500	1,5700	2	60	63	31-12-2018
O	FUR	FUGRO	18-12-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4800	3	0	0	31-12-2018
O	FUR	FUGRO	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400	2	0	22	31-12-2018
O	FUR	FUGRO	18-12-2020	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	0	31-12-2018
O	FUR	FUGRO	18-12-2020	7,0000	P	EUR	2,5000	2,5000	2,4000	3	2,4000	2,4900	2	63	63	31-12-2018
O	FUR	FUGRO	18-12-2020	8,0000	C	EUR	2,5000	2,6100	2,5000	2	2,6100	2,6000	3	12	13	31-12-2018
O	FUR	FUGRO	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600	3	0	0	31-12-2018
O	FUR	FUGRO	18-12-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	0	31-12-2018
O	FUR	FUGRO	18-12-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600	4	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,6915	18	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,6865	18	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,6831	18	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,3526	17	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,3408	17	0	0	31-12-2018
F	FV6	Ferrovial SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	16,9210	17	0	0	31-12-2018
F	FV8	Ferrovial - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8120	1	0	0	31-12-2018
F	FV8	Ferrovial - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8465	1	0	0	31-12-2018
F	FV8	Ferrovial - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
F	FV8	Ferrovial - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
F	FV8	Ferrovial - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,9726	63	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,9536	63	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,9304	63	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,8220	63	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,7644	63	0	0	31-12-2018
F	FX6	Compagnie Financiere Richemont - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,6939	63	0	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
F	FX8	Compagnie Financiere Richemont - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,1900	2	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	162,4292	162	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	162,3802	162	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	162,3205	162	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	158,6438	159	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	158,4992	158	0	0	31-12-2018
F	FZ6	Flughafen Zurich - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	158,3214	158	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	243,2400	243	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	243,1560	243	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	243,0830	243	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	241,4507	241	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	241,3637	241	0	0	31-12-2018
F	GD6	GN Store Nord - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	241,2686	241	0	0	31-12-2018
F	GF6	G4S - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	199,8800	200	0	0	31-12-2018
F	GF6	G4S - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	200,0100	200	0	0	31-12-2018
F	GF6	G4S - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	200,1800	200	0	0	31-12-2018
F	GF6	G4S - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	194,3800	194	0	0	31-12-2018
F	GF6	G4S - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	190,7700	191	0	0	31-12-2018
F	GF6	G4S - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	191,2700	191	0	0	31-12-2018
F	GH6	Gerresheimer AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,2386	57	0	0	31-12-2018
F	GH6	Gerresheimer AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,2226	57	0	0	31-12-2018
F	GH6	Gerresheimer AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	57,2116	57	0	0	31-12-2018
F	GH6	Gerresheimer AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	55,9611	56	0	0	31-12-2018
F	GH6	Gerresheimer AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	55,9233				

Instrument Type*	Instrument Trading Symbol	Instrument 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	GJ8	Assicurazioni Generali - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	31-12-2018
F	GJ8	Assicurazioni Generali - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	31-12-2018
F	GJ8	Assicurazioni Generali - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	31-12-2018
F	GJ8	Assicurazioni Generali - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	31-12-2018
F	GM8	Gemalto - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	31-12-2018
F	GM8	Gemalto - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	31-12-2018
F	GM8	Gemalto - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,2556		22	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,2493		22	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,2451		22	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,6557		22	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,3512		21	0	31-12-2018
F	GN6	Naturgy Energy Group SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,8670		21	0	31-12-2018
F	CN8	Naturgy Energy Group SA- Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0399		1	0	31-12-2018
F	CN8	Naturgy Energy Group SA- Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0732		1	0	31-12-2018
F	CN8	Naturgy Energy Group SA- Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018
F	CN8	Naturgy Energy Group SA- Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018
F	CN8	Naturgy Energy Group SA- Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1491,7400		1492	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1492,7000		1493	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1470,9600		1471	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1455,6700		1456	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1440,3100		1440	0	31-12-2018
F	G06	GlaxoSmithKline - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1425,0500		1425	0	31-12-2018
F	G08	GlaxoSmithKline - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	80,0000		80	0	31-12-2018
F	G08	GlaxoSmithKline - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	80,0000		80	0	31-12-2018
F	G08	GlaxoSmithKline - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	80,0000		80	0	31-12-2018
F	G08	GlaxoSmithKline - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	80,0000		80	0	31-12-2018
F	G08	GlaxoSmithKline - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	80,0000		80	0	31-12-2018
F	GQ8	Geberit - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	11,0000		11	0	31-12-2018
F	GQ8	Geberit - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	11,5000		12	0	31-12-2018
F	GQ8	Geberit - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	12,0000		12	0	31-12-2018
F	GQ8	Geberit - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	12,0000		12	0	31-12-2018
F	GQ8	Geberit - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	12,0000		12	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,4955		22	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,4892		22	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,4849		22	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,6154		22	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,6008		22	0	31-12-2018
F	GR6	GEA Group AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,5884		22	0	31-12-2018
F	GT6	Getinge B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	79,8782		80	0	31-12-2018
F	GT6	Getinge B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	79,8676		80	0	31-12-2018
F	GT6	Getinge B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	79,8697		80	0	31-12-2018
F	GT6	Getinge B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	78,9265		79	0	31-12-2018
F	GT6	Getinge B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	78,9012		79	0	31-12-2018
F	GT6	Getinge B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	78,8926		79	0	31-12-2018
F	GV6	Givaudan - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2275,0090		2275	0	31-12-2018
F	GV6	Givaudan - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2274,3227		2274	0	31-12-2018
F	GV6	Givaudan - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2273,4862		2273	0	31-12-2018
F	GV6	Givaudan - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2209,6492		2210	0	31-12-2018
F	GV6	Givaudan - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2207,6347		2208	0	31-12-2018
F	GV6	Givaudan - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2205,1584		2205	0	31-12-2018
F	GV8	Givaudan - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	60,0000		60	0	31-12-2018
F	GV8	Givaudan - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	62,0000		62	0	31-12-2018
F	GV8	Givaudan - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	64,0000		64	0	31-12-2018
F	GV8	Givaudan - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	66,0000		66	0	31-12-2018
F	GV8	Givaudan - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	66,0000		66	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300		3	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400		2	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600		2	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	80	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	20	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	47	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	23	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800		1	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	4	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400		1	0	31-12-2018
O	GVN	Grandvision - Spotlight Option	18-1-2019	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
F	HE6	Heineken NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	75,8588		76	0	0 31-12-2018
F	HE6	Heineken NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	75,8150		76	0	0 31-12-2018
F	HE8	Heineken - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	0 31-12-2018
F	HE8	Heineken - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900		2	0	0 31-12-2018
F	HE8	Heineken - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0 31-12-2018
F	HE8	Heineken - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0 31-12-2018
F	HE8	Heineken - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3200		13	0	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	98	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4100		9	0	10 31-12-2018
O	HEI	HEINEKEN	18-1-2019	68,0000	P	EUR	0,2400	0,2400	0,2400	1	0,2400	0,2300		0	10	189 31-12-2018
O	HEI	HEINEKEN	18-1-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	6 31-12-2018
O	HEI	HEINEKEN	18-1-2019	72,0000	P	EUR	0,6000	0,6000	0,5100	6	0,5100	0,4900		0	40	229 31-12-2018
O	HEI	HEINEKEN	18-1-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9700		4	0	10 31-12-2018
O	HEI	HEINEKEN	18-1-2019	74,0000	P	EUR	0,9100	0,9100	0,8100	4	0,8400	0,7500		1	15	60 31-12-2018
O	HEI	HEINEKEN	18-1-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	70 31-12-2018
O	HEI	HEINEKEN	18-1-2019	76,0000	P	EUR	1,5000	1,5100	1,3600	4	1,3800	1,3000		1	29	315 31-12-2018
O	HEI	HEINEKEN	18-1-2019	78,0000	C	EUR	1,2600	1,3000	1,2000	7	1,3000	1,3800		1	32	132 31-12-2018
O	HEI	HEINEKEN	18-1-2019	78,0000	P	EUR	2,4600	2,5000	2,2500	3	2,2500	2,1900		2	9	223 31-12-2018
O	HEI	HEINEKEN	18-1-2019	80,0000	C	EUR	0,5700	0,6200	0,5600	8	0,5900	0,6300		1	26	286 31-12-2018
O	HEI	HEINEKEN	18-1-2019	80,0000	P	EUR	3,5500	3,6800	3,5500	8	3,6800	3,4700		3	79	5045 31-12-2018
O	HEI	HEINEKEN	18-1-2019	82,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2900		0	1	239 31-12-2018
O	HEI	HEINEKEN	18-1-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000		5	0	70 31-12-2018
O	HEI	HEINEKEN	18-1-2019	84,0000	C	EUR	0,1000	0,1100	0,1000	3	0,1100	0,1200		0	12	402 31-12-2018
O	HEI	HEINEKEN	18-1-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400		7	0	68 31-12-2018
O	HEI	HEINEKEN	18-1-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	141	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8500		11	0	93 31-12-2018
O	HEI	HEINEKEN	18-1-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	35	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,8500		15	0	15 31-12-2018
O	HEI	HEINEKEN	18-1-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	HEI	HEINEKEN	18-1-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8500		19	0	0 31-12-2018
O	HEI	HEINEKEN	15-2-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5800		14	0	0 31-12-2018
O	HEI	HEINEKEN	15-2-2019	64,0000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3800		0	1	83 31-12-2018
O	HEI	HEINEKEN	15-2-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8400		10	0	2 31-12-2018
O	HEI	HEINEKEN	15-2-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	217 31-12-2018
O	HEI	HEINEKEN	15-2-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4000		6	0	1 31-12-2018
O	HEI	HEINEKEN	15-2-2019	72,0000	P	EUR	1,3600	1,3600	1,2800	3	1,2800	1,2400		1	7	223 31-12-2018
O	HEI	HEINEKEN	15-2-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800		5	0	2 31-12-2018
O	HEI	HEINEKEN	15-2-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200		2	0	16 31-12-2018
O	HEI	HEINEKEN	15-2-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600		4	0	27 31-12-2018
O	HEI	HEINEKEN	15-2-2019	76,0000	P	EUR	2,5900	2,5900	2,5900	1	2,5900	2,3900		2	2	108 31-12-2018
O	HEI	HEINEKEN	15-2-2019	78,0000	C	EUR	2,4000	2,4000	2,4000	1	2,4000	2,4700		2	1	47 31-12-2018
O	HEI	HEINEKEN	15-2-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	219 31-12-2018
O	HEI	HEINEKEN	15-2-2019	80,0000	C	EUR	1,5500	1,5500	1,5500	1	1,5500	1,6400		2	1	1032 31-12-2018
O	HEI	HEINEKEN	15-2-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	590 31-12-2018
O	HEI	HEINEKEN	15-2-2019	82,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	112 31-12-2018
O	HEI	HEINEKEN	15-2-2019	82,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8300		6	0	106 31-12-2018
O	HEI	HEINEKEN	15-2-2019	84,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6300		1	1	212 31-12-2018
O	HEI	HEINEKEN	15-2-2019	84,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4700		7	0	75 31-12-2018
O	HEI	HEINEKEN	15-2-2019	88,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	37 31-12-2018
O	HEI	HEINEKEN	15-2-2019	88,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0900		11	0	15 31-12-2018
O	HEI	HEINEKEN	15-2-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	33 31-12-2018
O	HEI	HEINEKEN	15-2-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9500		15	0	8 31-12-2018
O	HEI	HEINEKEN	15-2-2019	96,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	10 31-12-2018
O	HEI	HEINEKEN	15-2-2019	96,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9300		19	0	4 31-12-2018
O	HEI	HEINEKEN	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,3000		27	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	37 31-12-2018
O	HEI	HEINEKEN	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200		22	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	77 31-12-2018
O	HEI	HEINEKEN	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5400		18	0	43 31-12-2018
O	HEI	HEINEKEN	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	42 31-12-2018
O	HEI	HEINEKEN	15-3-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7500		14	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	2 31-12-2018
O	HEI	HEINEKEN	15-3-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1400		10	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	2 31-12-2018
O	HEI	HEINEKEN	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4200		8	0	84 31-12-2018
O	HEI	HEINEKEN	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600		1	0	2514 31-12-2018
O	HEI	HEINEKEN	15-3-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8300		7	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700		2	0	30 31-12-2018
O	HEI	HEINEKEN	15-3-2019	74,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4100		5	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	74,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	1 31-12-2018
O	HEI	HEINEKEN	15-3-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200		5	0	144 31-12-2018
O	HEI	HEINEKEN	15-3-2019	75,0000	P	EUR	2,7500	2,7500	2,6500	2	2,6500	2,5500		3	6	854 31-12-2018
O	HEI	HEINEKEN	15-3-2019	76,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1000		4	0	5 31-12-2018
O	HEI	HEINEKEN	15-3-2019	76,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	78,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100		3	0	4 31-12-2018
O	HEI	HEINEKEN	15-3-2019	78,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	0 31-12-2018
O	HEI	HEINEKEN	15-3-2019	80,0000	C	EUR	2,0000	2,0000	2,0000	2						

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date	
O	HEI	HEINEKEN	15-3-2019	92,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	92,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0300	15	0	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	95,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	157	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0000	18	0	126	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	120	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,9500	23	0	18	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	29	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9000	33	0	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,9200	43	0	8	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	10	0	31-12-2018	
O	HEI	HEINEKEN	15-3-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	62,9000	63	0	40	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4200	27	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5700	23	0	21	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	45	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,7800	18	0	39	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	60,0000	P	EUR	0,8000	0,8000	0,8000	-	2	0,8000	0,7800	1	3	296	31-12-2018
O	HEI	HEINEKEN	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1400	9	0	213	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	70,0000	P	EUR	2,5500	2,5600	2,4700	-	7	2,5600	2,4400	2	11	1576	31-12-2018
O	HEI	HEINEKEN	21-6-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900	6	0	106	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	75,0000	P	EUR	4,3000	4,3000	4,2500	-	2	4,2500	4,1700	4	6	344	31-12-2018
O	HEI	HEINEKEN	21-6-2019	80,0000	C	EUR	3,0700	3,0700	3,0700	-	1	3,0700	3,2000	3	1	280	31-12-2018
O	HEI	HEINEKEN	21-6-2019	80,0000	P	EUR	6,8700	6,9700	6,8500	-	5	6,8500	6,7800	7	9	2244	31-12-2018
O	HEI	HEINEKEN	21-6-2019	85,0000	C	EUR	1,5100	1,6000	1,5100	-	11	1,5300	1,6200	2	16	852	31-12-2018
O	HEI	HEINEKEN	21-6-2019	85,0000	P	EUR	10,5000	10,5000	10,5000	-	1	10,5000	10,2900	10	1	366	31-12-2018
O	HEI	HEINEKEN	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	1451	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5200	15	0	560	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	95,0000	C	EUR	0,3600	0,4100	0,3600	-	10	0,4000	0,3800	0	15	68	31-12-2018
O	HEI	HEINEKEN	21-6-2019	95,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,1400	19	0	30	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	729	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,9400	24	0	27	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	25	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,8300	34	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,8300	44	0	1	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	63,8000	64	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018	
O	HEI	HEINEKEN	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	73,8200	74	0	24	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4200	27	0	0	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	5	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6100	23	0	0	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	1	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9300	18	0	13	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	41	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5700	10	0	50	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3400	3	0	1227	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000	6	0	40	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3100	5	0	898	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600	4	0	173	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9800	8	0	68	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200	2	0	258	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4300	11	0	145	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	145	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,5000	16	0	2	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	30	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,7200	25	0	0	31-12-2018	
O	HEI	HEINEKEN	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	11	31-12-2018		
O	HEI	HEINEKEN	20-9-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,5100	35	0	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3000	37	0	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	81	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4400	27	0	1	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	195	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6800	23	0	26	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	175	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1400	18	0	258	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	451	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0700	10	0	571	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400	4	0	1052	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	75,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9400	7	0	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	75,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800	6	0	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100	5	0	800	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7300	9	0	2780	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	85,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	39	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	85,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1100	12	0	0	31-12-2018	
O	HEI	HEINEKEN	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	2245	31-12-2018	
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	HEI	HEINEKEN	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,5000	75	0	137	31-12-2018
O	HEI	HEINEKEN	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4700	27	0	10	31-12-2018
O	HEI	HEINEKEN	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	0	31-12-2018
O	HEI	HEINEKEN	19-6-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,7600	23	0	107	31-12-2018
O	HEI	HEINEKEN	19-6-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	71	31-12-2018
O	HEI	HEINEKEN	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,3100	18	0	6	31-12-2018
O	HEI	HEINEKEN	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4500	2	0	124	31-12-2018
O	HEI	HEINEKEN	19-6-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8500	11	0	67	31-12-2018
O	HEI	HEINEKEN	19-6-2020	70,0000	P	EUR	5,5300	5,6000	5,5300	2	5,6000	5,4900	5	2	91	31-12-2018
O	HEI	HEINEKEN	19-6-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5900	6	0	16	31-12-2018
O	HEI	HEINEKEN	19-6-2020	80,0000	P	EUR	10,5300	10,5300	10,3500	2	10,3500	10,4600	10	2	60	31-12-2018
O	HEI	HEINEKEN	19-6-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5300	3	0	460	31-12-2018
O	HEI	HEINEKEN	19-6-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5900	18	0	12	31-12-2018
O	HEI	HEINEKEN	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	11	31-12-2018
O	HEI	HEINEKEN	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,2600	26	0	0	31-12-2018
O	HEI	HEINEKEN	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	HEI	HEINEKEN	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,5400	46	0	0	31-12-2018
O	HEI	HEINEKEN	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	HEI	HEINEKEN	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,4800	75	0	20	31-12-2018
O	HEI	HEINEKEN	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4400	27	0	15	31-12-2018
O	HEI	HEINEKEN	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	156	31-12-2018
O	HEI	HEINEKEN	18-12-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5400	19	0	11	31-12-2018
O	HEI	HEINEKEN	18-12-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100	3	0	281	31-12-2018
O	HEI	HEINEKEN	18-12-2020	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4300	11	0	289	31-12-2018
O	HEI	HEINEKEN	18-12-2020	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5900	7	0	287	31-12-2018
O	HEI	HEINEKEN	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200	6	0	705	31-12-2018
O	HEI	HEINEKEN	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7600	12	0	961	31-12-2018
O	HEI	HEINEKEN	18-12-2020	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500	3	0	1887	31-12-2018
O	HEI	HEINEKEN	18-12-2020	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7700	19	0	710	31-12-2018
O	HEI	HEINEKEN	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	807	31-12-2018
O	HEI	HEINEKEN	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2200	27	0	42	31-12-2018
O	HEI	HEINEKEN	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	5	31-12-2018
O	HEI	HEINEKEN	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,2500	46	0	0	31-12-2018
O	HEI	HEINEKEN	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	104	31-12-2018
O	HEI	HEINEKEN	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,0800	76	0	37	31-12-2018
O	HEI	HEINEKEN	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5400	28	0	9	31-12-2018
O	HEI	HEINEKEN	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	96	31-12-2018
O	HEI	HEINEKEN	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,1000	19	0	34	31-12-2018
O	HEI	HEINEKEN	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8000	5	0	156	31-12-2018
O	HEI	HEINEKEN	17-12-2021	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5600	13	0	295	31-12-2018
O	HEI	HEINEKEN	17-12-2021	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7700	9	0	392	31-12-2018
O	HEI	HEINEKEN	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7800	8	0	340	31-12-2018
O	HEI	HEINEKEN	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2200	14	0	395	31-12-2018
O	HEI	HEINEKEN	17-12-2021	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500	5	0	171	31-12-2018
O	HEI	HEINEKEN	17-12-2021	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1900	21	0	145	31-12-2018
O	HEI	HEINEKEN	17-12-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5300	3	0	274	31-12-2018
O	HEI	HEINEKEN	17-12-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,3300	29	0	172	31-12-2018
O	HEI	HEINEKEN	17-12-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	189	31-12-2018
O	HEI	HEINEKEN	17-12-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,7700	48	0	17	31-12-2018
O	HEI	HEINEKEN	17-12-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	226	31-12-2018
O	HEI	HEINEKEN	17-12-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	77,3600	77	0	314	31-12-2018
O	HEI	HEINEKEN	16-12-2022	50,0000	C	EUR	27,5000	27,5000	27,5000	1	27,5000	27,7300	28	1	5	31-12-2018
O	HEI	HEINEKEN	16-12-2022	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	182	31-12-2018
O	HEI	HEINEKEN	16-12-2022	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5800	20	0	316	31-12-2018
O	HEI	HEINEKEN	16-12-2022	60,0000	P	EUR	6,2000	6,2000	6,2000	1	6,2000	6,0700	6	1	400	31-12-2018
O	HEI	HEINEKEN	16-12-2022	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8300	9	0	286	31-12-2018
O	HEI	HEINEKEN	16-12-2022	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0700	16	0	284	31-12-2018
O	HEI	HEINEKEN	16-12-2022	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500	6	0	160	31-12-2018
O	HEI	HEINEKEN	16-12-2022	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0200	23	0	469	31-12-2018
O	HEI	HEINEKEN	16-12-2022	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4700	3	0	148	31-12-2018
O	HEI	HEINEKEN	16-12-2022	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,0000	31	0	138	31-12-2018
O	HEI	HEINEKEN	16-12-2022	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	232	31-12-2018
O	HEI	HEINEKEN	16-12-2022	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,0100	49	0	110	31-12-2018
O	HEI	HEINEKEN	16-12-2022	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	140	31-12-2018
O	HEI	HEINEKEN	16-12-2022	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	78,3000	78	0	153	31-12-2018
O	HEI	HEINEKEN	15-12-2023	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8100	28	0	1	31-12-2018
O	HEI	HEINEKEN	15-12-2023	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700	4	0	0	31-12-2018
O	HEI	HEINEKEN	15-12-2023	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1400	20	0	0	31-12-2018
O	HEI	HEINEKEN	15-12-2023	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2500	7	0	7	31-12-2018
O	HEI	HEINEKEN	15-12-2023	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8100	10	0	26	31-12-2018
O	HEI	HEINEKEN	15-12-2023	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5500	18	0	4	31-12-2018
O	HEI	HEINEKEN	15-12-2023	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4900	4	0	3	31-12-2018
O	HEI	HEINEKEN	15-12-2023	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3300	32	0	0	31-12-2018
O	HEI	HEINEKEN	15-12-2023	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	0	31-12-2018
O	HEI	HEINEKEN	15-12-2023	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	78,4900	78	0	2	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200	2	0	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300				

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	18-1-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	22	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,0000	C	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3500		0	1	77 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	52 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	28 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	2 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900		0	12	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	25	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	6 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	4 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	6 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	36 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	9 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	25 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400		1	0	11 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	17 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	45 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	27 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	25 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	53 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	50 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	30 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000		3	0	22 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	12,0000	P	EUR	3,9500	3,9500	3,9500	1	3,9500	4,0000		4	10	16 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0000		5	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	1 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,4000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	8 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	6,8000	P	EUR	0,1900	0,1900	0,1800	3	0,1800	0,1800		0	3	119 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	4 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	5 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	4 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	6 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	50 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,0000	P	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5600		1	2	326 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,2000	C	EUR	0,4700	0,4700	0,4700	1	0,4700	0,4600		0	10	11 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	45 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	27 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,6000	C	EUR	0,2200	0,2600	0,2200	2	0,2600	0,3100		0	2	39 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,6000	P	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9100		1	1	2 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	39 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	5 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,0000	C	EUR	0,2000	0,2000	0,2000	1	0,2000	0,2100		0	1	1 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	325 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	50 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	23 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,4000	C	EUR	15,1300	0,1300	0,1300	1	0,1300	0,1400		0	1	1 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	10 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	8 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	300 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400		3	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600		4	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700		3	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	1 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	336 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		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	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	24 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	5 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	119 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	48 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	14 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	55 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	434 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	94 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	52 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	75 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	650 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	497 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	936 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	11,0000	P	EUR	3,3500	3,3500	3,3500	2	3,3500	3,1000		3	2	459 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	12,0000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0500		1	465	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	12,0000	P	EUR	4,1500	4,1500	4,1500	1	4,1500	4,0600		4	5	624 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	2311 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400		5	0	358 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	316 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	229 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	16,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0100		0	1	65 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0200		8	0	133 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	130 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0200		10	0	40 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	130 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0100		12	0	220 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5800		4	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300		3	0	16 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	20 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100		2	0	22 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	65 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	74 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	286 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	7,5000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,3100		1	46	998 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100		1	0	6 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	188 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	327 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	370 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	45 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	9,0000	C	EUR	0,6500	0,6500	0,6500	2	0,6500	0,6900		1	5	195 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	237 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	9,5000	C	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5400		1	2	175 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	102 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	10,0000	C	EUR	0,4000	0,4000	0,4000	1	0,4000	0,4400		0	1	572 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5500		3	0	348 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	11,0000	C	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2800		0	3	450 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	801 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	463 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100		4	0	274 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	94 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2400		5	0	142 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	58 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	68 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	16,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0500		0	3	20 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1700		8	0	75 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1400		10	0	50 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	30 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1400		12	0	271 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6100		4	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	4,5000	P	EUR	0,1500	0,1600	0,1500	3	0,1600	0,1800		0	4	4 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019													

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	HEY	Heijmans N.V. - STND OPT	20-9-2019	9,0000	C	EUR	0,8500	0,8500	0,8500	1	0,8500	0,8700		1	5	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	10,0000	C	EUR	0,5500	0,5500	0,5500	3	0,5500	0,5900		1	3	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100		3	0	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	50	31-12-2018
O	HEY	Heijmans N.V. - STND OPT	20-9-2019	12,0000	P	EUR	4,4500	4,4500	4,4500	1	4,4500	4,4100		4	5	31-12-2018
F	HG6	Hexagon B - Stock Future	18-1-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	407,8886		408	0	31-12-2018
F	HG6	Hexagon B - Stock Future	15-2-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	407,8348		408	0	31-12-2018
F	HG6	Hexagon B - Stock Future	15-3-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	407,8450		408	0	31-12-2018
F	HG6	Hexagon B - Stock Future	21-6-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	401,5846		402	0	31-12-2018
F	HG6	Hexagon B - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	401,4561		401	0	31-12-2018
F	HG6	Hexagon B - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	401,4127		401	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	73,7354		74	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	73,7147		74	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	73,7006		74	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	72,6358		73	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	71,9569		72	0	31-12-2018
F	HH6	Heineken Holding NV - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	71,9154		72	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	95,3811		95	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	95,3543		95	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	95,3361		95	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	93,4029		93	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	93,3397		93	0	31-12-2018
F	HK6	Henkel AG & CO KGaA - PREF - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	93,2858		93	0	31-12-2018
F	HK8	Henkel pref - Dividend Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	31-12-2018
F	HK8	Henkel pref - Dividend Future	18-12-2020	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	31-12-2018
F	HK8	Henkel pref - Dividend Future	17-12-2021	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	31-12-2018
F	HK8	Henkel pref - Dividend Future	16-12-2022	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	31-12-2018
F	HK8	Henkel pref - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	18-1-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	576,4578		576	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	15-2-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	576,2588		576	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	15-3-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	576,0857		576	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	21-6-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	575,6507		576	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	20-9-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	575,4428		575	0	31-12-2018
F	HL6	Chr. Hansen Holding - Stock Future	20-12-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	567,6067		568	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	18-1-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	125,9856		126	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	15-2-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	125,9690		126	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	15-3-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	125,9721		126	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	21-6-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	121,9045		122	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	121,8657		122	0	31-12-2018
F	HM6	Hennes & Mauritz B - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,8534		118	0	31-12-2018
F	HM8	Hennes & Mauritz B - Dividend	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	8,7500		9	0	31-12-2018
F	HM8	Hennes & Mauritz B - Dividend	18-12-2020	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	9,5000		10	0	31-12-2018
F	HM8	Hennes & Mauritz B - Dividend	17-12-2021	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	HM8	Hennes & Mauritz B - Dividend	16-12-2022	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	HM8	Hennes & Mauritz B - Dividend	15-12-2023	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6766		118	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6436		118	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6211		118	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	113,8184		114	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	113,7416		114	0	31-12-2018
F	HR6	Hannover Rueck SE - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	113,6760		114	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	647,1400		647	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	647,5500		648	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	633,2500		633	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	627,7400		628	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	621,7600		622	0	31-12-2018
F	HS6	HSBC Holdings - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	615,5700		616	0	31-12-2018
F	HS8	HSBC Holdings - Dividend Future	20-12-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018
F	HS8	HSBC Holdings - Dividend Future	18-12-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018
F	HS8	HSBC Holdings - Dividend Future	17-12-2021	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018
F	HS8	HSBC Holdings - Dividend Future	16-12-2022	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018
F	HS8	HSBC Holdings - Dividend Future	15-12-2023	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6766		118	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6436		118	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	117,6211		118	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	112,3690		112	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	112,2933		112	0	31-12-2018
F	HT6	Hochtief AG - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	112,2287		112	0	31-12-2018
F	HX8	LafargeHolcim - Dividend Future	20-12-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	31-12-2018
F	HX8	LafargeHolcim - Dividend Future	18-12-2020	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	31-12-2018
F	HX8	LafargeHolcim - Dividend Future	17-12-2021	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	HX8	LafargeHolcim - Dividend Future	16-12-2022	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	HX8	LafargeHolcim - Dividend Future	15-12-2023	0,0000	CHF	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	IDB	Iberdrola - Dividend Future	18-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	31-12-2018	
F	IDB	Iberdrola - Dividend Future	17-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018	
F	IDB	Iberdrola - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018	
F	IDB	Iberdrola - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800		5	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9800		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0200		3	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	401	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	31,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	31,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	407	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	32,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	32,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	251	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	33,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	3	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	33,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	401	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400		1	0	9	31-12-2018
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	203	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	300	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700		3	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	34	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300		5	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0300		7	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0500		5	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6800		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300		3	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	9	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	405	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400		1	250	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	152	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	6	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	100	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	1	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1500		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000		5	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0600		6	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0500		7	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0400		7	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1000		6	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800		4	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018	
O	IEM	IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS	15-3-2019	29,5000	C												

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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	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	20,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	20,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	3	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	7	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	21,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7600		5	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3300		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8700		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8600		5	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3000		4	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	1	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3900		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	0	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	4	31-12-2018
O	IME	IME Stock Option (Underlying: iShares Core MSCI Europe UCITS	15-3-2019	20,5000	C	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	ING9	ING Groep - European Stock Option	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1600		7	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1600		9	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300		3	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2400		5	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1900		7	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1700		11	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500		3	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	ING9	ING Groep - European Stock Option	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6400		7	0	0 31-12-2018
O	ING	ING	18-1-2019	8,0000	C	EUR	1,4400	1,4400	1,4400	2	1,4400	1,4500		1	2	7 31-12-2018
O	ING	ING	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	211 31-12-2018
O	ING	ING	18-1-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	114 31-12-2018
O	ING	ING	18-1-2019	8,4000	P	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700		0	1	442 31-12-2018
O	ING	ING	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	345 31-12-2018
O	ING	ING	18-1-2019	8,8000	P	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1200		0	5	1138 31-12-2018
O	ING	ING	18-1-2019	9,0000	C	EUR	0,5700	0,5700	0,5700	3	0,5700	0,5700		1	12	1447 31-12-2018
O	ING	ING	18-1-2019	9,0000	P	EUR	0,1900	0,1900	0,1700	6	0,1700	0,1600		0	114	587 31-12-2018
O	ING	ING	18-1-2019	9,2000	C	EUR	0,4100	0,4100	0,4100	1	0,4100	0,4300		0	2	396 31-12-2018
O	ING	ING	18-1-2019	9,2000	P	EUR	0,2100	0,2200	0,2100	2	0,2200	0,2200		0	13	1556 31-12-2018
O	ING	ING	18-1-2019	9,4000	C	EUR	0,3000	0,3200	0,3000	9	0,3100	0,3000		0	28	468 31-12-2018
O	ING	ING	18-1-2019	9,4000	P	EUR	0,3100	0,3100	0,2900	4	0,2900	0,3000		0	56	597 31-12-2018
O	ING	ING	18-1-2019	9,6000	C	EUR	0,2100	0,2100	0,1900	6	0,1900	0,2000		0	31	623 31-12-2018
O	ING	ING	18-1-2019	9,6000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,4000		0	1	1658 31-12-2018
O	ING	ING	18-1-2019	9,8000	C	EUR	0,1400	0,1400	0,1200	10	0,1300	0,1300		0	65	827 31-12-2018
O	ING	ING	18-1-2019	9,8000	P	EUR	0,5200	0,5200	0,5200	3	0,5200	0,5200		1	11	584 31-12-2018
O	ING	ING	18-1-2019	10,0000	C	EUR	0,0800	0,0900	0,0800	10	0,0800	0,0800		0	117	3385 31-12-2018
O	ING	ING	18-1-2019	10,0000	P	EUR	0,6800	0,6800	0,6700	2	0,6700	0,6700		1	6	1825 31-12-2018
O	ING	ING	18-1-2019	10,5000	C	EUR	0,0200	0,0300	0,0200	2	0,0300	0,0200		0	12	1550 31-12-2018
O	ING	ING	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	963 31-12-2018
O	ING	ING	18-1-2019	11,0000	C	EUR	0,0100	0,0100	0,0100	2	0,0100	0,0100		0	10	2287 31-12-2018
O	ING	ING	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	1023 31-12-2018
O	ING	ING	18-1-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1471 31-12-2018
O	ING	ING	18-1-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	844 31-12-2018
O	ING	ING	18-1-2019	12,0000	C	EUR	0,0100	0,0100	0,0100	1	0,0100	0,0100		0	5	1686 31-12-2018
O	ING	ING	18-1-2019	12,0000	P	EUR	2,5400	2,5400	2,5400	1	2,5400	2,5900		3	1	681 31-12-2018
O	ING	ING	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	27 31-12-2018
O	ING	ING	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900		4	0	354 31-12-2018
O	ING	ING	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ING	ING	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900		5	0	631 31-12-2018
O	ING	ING	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	6 31-12-2018
O	ING	ING	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6000		6	0	42 31-12-2018
O	ING	ING	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	3 31-12-2018
O	ING	ING	15-2-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	5 31-12-2018
O	ING	ING	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	5 31-12-2018
O	ING	ING	15-2-2019	8,4000	P	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1700		0	4	426 31-12-2018
O	ING	ING	15-2-2019	8,8000	C	EUR	0,8700	0,8700	0,8600	2	0,8600	0,8700		1	27	324 31-12-2018
O	ING	ING	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	1278 31-12-2018
O	ING	ING	15-2-2019	9,0000	C	EUR	0,7200	0,7200	0,7200	1	0,7200	0,7200		1	3	5 31-12-2018
O	ING	ING	15-2-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	30 31-12-2018
O	ING	ING	15-2-2019	9,2000	C	EUR	0,6000	0,6000	0,5900	2	0,5900	0,5900		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	ING	ING	15-2-2019	10,0000	C	EUR	0,2400	0,2400	0,2100	6	0,2100	0,2200	0	17	3303	31-12-2018
O	ING	ING	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	3153	31-12-2018
O	ING	ING	15-2-2019	10,5000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,1000	0	10	1406	31-12-2018
O	ING	ING	15-2-2019	10,5000	P	EUR	1,2000	1,2100	1,2000	3	1,2100	1,2000	1	5	1697	31-12-2018
O	ING	ING	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	948	31-12-2018
O	ING	ING	15-2-2019	11,0000	P	EUR	1,6500	1,6500	1,6500	2	1,6500	1,6400	2	4	226	31-12-2018
O	ING	ING	15-2-2019	11,5000	C	EUR	0,0300	0,0300	0,0300	2	0,0300	0,0300	0	6	1122	31-12-2018
O	ING	ING	15-2-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	112	31-12-2018
O	ING	ING	15-2-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	629	31-12-2018
O	ING	ING	15-2-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	589	31-12-2018
O	ING	ING	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	ING	ING	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000	4	0	182	31-12-2018
O	ING	ING	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ING	ING	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000	5	0	44	31-12-2018
O	ING	ING	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400	3	0	0	31-12-2018
O	ING	ING	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	98	31-12-2018
O	ING	ING	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900	2	0	189	31-12-2018
O	ING	ING	15-3-2019	7,0000	P	EUR	0,0700	0,0700	0,0700	2	0,0700	0,0800	0	20	545	31-12-2018
O	ING	ING	15-3-2019	8,0000	C	EUR	1,5800	1,5800	1,5800	1	1,5800	1,5900	2	100	857	31-12-2018
O	ING	ING	15-3-2019	8,0000	P	EUR	0,1800	0,1800	0,1800	1	0,1800	0,1800	0	2	1664	31-12-2018
O	ING	ING	15-3-2019	8,4000	C	EUR	1,2400	1,2600	1,2400	8	1,2600	1,2600	1	384	384	31-12-2018
O	ING	ING	15-3-2019	8,4000	P	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2500	0	8	37	31-12-2018
O	ING	ING	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	0	31-12-2018
O	ING	ING	15-3-2019	8,8000	P	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3500	0	4	24	31-12-2018
O	ING	ING	15-3-2019	9,0000	C	EUR	0,8100	0,8100	0,8100	2	0,8100	0,8200	1	35	448	31-12-2018
O	ING	ING	15-3-2019	9,0000	P	EUR	0,4100	0,4100	0,4100	3	0,4100	0,4100	0	4	2857	31-12-2018
O	ING	ING	15-3-2019	9,2000	C	EUR	0,6900	0,6900	0,6900	2	0,6900	0,6900	1	5	115	31-12-2018
O	ING	ING	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	8	31-12-2018
O	ING	ING	15-3-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	3	31-12-2018
O	ING	ING	15-3-2019	9,4000	P	EUR	0,5700	0,5700	0,5700	1	0,5700	0,5700	1	2	1099	31-12-2018
O	ING	ING	15-3-2019	9,5000	C	EUR	0,5200	0,5200	0,5200	5	0,5200	0,5200	1	213	1189	31-12-2018
O	ING	ING	15-3-2019	9,5000	P	EUR	0,6200	0,6200	0,6200	2	0,6200	0,6200	1	2	1524	31-12-2018
O	ING	ING	15-3-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	227	31-12-2018
O	ING	ING	15-3-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	248	31-12-2018
O	ING	ING	15-3-2019	10,0000	C	EUR	0,3000	0,3100	0,3000	8	0,3100	0,3100	0	28	5630	31-12-2018
O	ING	ING	15-3-2019	10,0000	P	EUR	0,9100	0,9100	0,9100	1	0,9100	0,9000	1	20	4488	31-12-2018
O	ING	ING	15-3-2019	11,0000	C	EUR	0,0900	0,1000	0,0900	5	0,0900	0,0900	0	90	22200	31-12-2018
O	ING	ING	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800	2	0	14116	31-12-2018
O	ING	ING	15-3-2019	12,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0300	0	10	10769	31-12-2018
O	ING	ING	15-3-2019	12,0000	P	EUR	2,6300	2,6300	2,6000	3	2,6000	2,6200	3	7	16872	31-12-2018
O	ING	ING	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	9774	31-12-2018
O	ING	ING	15-3-2019	13,0000	P	EUR	3,6100	3,6100	3,6000	2	3,6000	3,6000	4	8	7536	31-12-2018
O	ING	ING	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	5384	31-12-2018
O	ING	ING	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000	5	0	3825	31-12-2018
O	ING	ING	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4796	31-12-2018
O	ING	ING	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6000	6	0	3378	31-12-2018
O	ING	ING	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2464	31-12-2018
O	ING	ING	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6000	7	0	1072	31-12-2018
O	ING	ING	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1157	31-12-2018
O	ING	ING	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6000	9	0	223	31-12-2018
O	ING	ING	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ING	ING	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6000	11	0	142	31-12-2018
O	ING	ING	21-6-2019	6,0000	C	EUR	3,4700	3,4700	3,4700	1	3,4700	3,4700	3	1	134	31-12-2018
O	ING	ING	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1349	31-12-2018
O	ING	ING	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5400	3	0	743	31-12-2018
O	ING	ING	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	17	31-12-2018
O	ING	ING	21-6-2019	8,0000	C	EUR	1,7000	1,7000	1,6700	4	1,6700	1,6700	2	254	1545	31-12-2018
O	ING	ING	21-6-2019	8,0000	P	EUR	0,4300	0,4300	0,4200	2	0,4200	0,4400	0	6	1640	31-12-2018
O	ING	ING	21-6-2019	8,5000	C	EUR	1,2900	1,2900	1,2900	1	1,2900	1,2800	1	10	12	31-12-2018
O	ING	ING	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	0	31-12-2018
O	ING	ING	21-6-2019	9,0000	C	EUR	0,9600	0,9600	0,9600	1	0,9600	0,9500	1	3	3392	31-12-2018
O	ING	ING	21-6-2019	9,0000	P	EUR	0,8200	0,8200	0,7900	8	0,7900	0,8000	1	135	3975	31-12-2018
O	ING	ING	21-6-2019	9,5000	C	EUR	0,6800	0,6800	0,6800	3	0,6800	0,6800	1	90	2677	31-12-2018
O	ING	ING	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	2189	31-12-2018
O	ING	ING	21-6-2019	10,0000	C	EUR	0,4600	0,4700	0,4500	9	0,4500	0,4600	0	109	6415	31-12-2018
O	ING	ING	21-6-2019	10,0000	P	EUR	1,3800	1,3800	1,3600	3	1,3600	1,3700	1	20	19061	31-12-2018
O	ING	ING	21-6-2019	11,0000	C	EUR	0,2200	0,2200	0,1900	2	0,1900	0,2000	0	15	14520	31-12-2018
O	ING	ING	21-6-2019	11,0000	P	EUR	2,1500	2,1500	2,1500	1	2,1500	2,1600	2	44	37471	31-12-2018
O	ING	ING	21-6-2019	12,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0800	0	8	9849	31-12-2018
O	ING	ING	21-6-2019	12,0000	P	EUR	3,0800	3,0800	3,0400	3	3,0500	3,0500	3	19	37143	31-12-2018
O	ING	ING	21-6-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	4759	31-12-2018
O	ING	ING	21-6-2019	13,0000	P	EUR	4,0000	4,0000	4,0000	1	4,0000	4,0100	4	10	4757	31-12-2018
O	ING	ING	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	18771	31-12-2018
O	ING	ING	21-6-2019	14,0000	P	EUR	5,0000	5,0000	4,9800	2	4,9800	4,9900	5	55	27203	31-12-2018
O	ING	ING	21-6-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ING	ING	21-6-2019	15,0000	P	EUR	5,9500	5,9500	5,9500	1	5,9500	5,9900	6	1	1276	31-12-2018
O	ING	ING	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10070	31-12-2018
O	ING	ING	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900	7	0	6510	31-12-2018
O	ING	ING	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,000					

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ING	ING	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	614	31-12-2018
O	ING	ING	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100	2	0	96	31-12-2018
O	ING	ING	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	4263	31-12-2018
O	ING	ING	20-9-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	0	31-12-2018
O	ING	ING	20-9-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	0	31-12-2018
O	ING	ING	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	1305	31-12-2018
O	ING	ING	20-9-2019	9,0000	P	EUR	1,0600	1,0800	1,0600	2	1,0800	1,0600	1	32	6848	31-12-2018
O	ING	ING	20-9-2019	9,5000	C	EUR	0,7700	0,7700	0,7500	2	0,7500	0,7800	1	5	1170	31-12-2018
O	ING	ING	20-9-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	1377	31-12-2018
O	ING	ING	20-9-2019	10,0000	C	EUR	0,5600	0,5600	0,5600	2	0,5600	0,5700	1	5	2620	31-12-2018
O	ING	ING	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	11944	31-12-2018
O	ING	ING	20-9-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	2946	31-12-2018
O	ING	ING	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400	2	0	4123	31-12-2018
O	ING	ING	20-9-2019	12,0000	C	EUR	0,1500	0,1500	0,1500	4	0,1500	0,1500	0	11	3416	31-12-2018
O	ING	ING	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	543	31-12-2018
O	ING	ING	20-9-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	1112	31-12-2018
O	ING	ING	20-9-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	1192	31-12-2018
O	ING	ING	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	830	31-12-2018
O	ING	ING	20-9-2019	14,0000	P	EUR	5,2000	5,2000	5,2000	1	5,2000	5,2200	5	3	2204	31-12-2018
O	ING	ING	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	3	31-12-2018
O	ING	ING	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1900	7	0	602	31-12-2018
O	ING	ING	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ING	ING	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1900	9	0	130	31-12-2018
O	ING	ING	20-12-2019	5,0000	C	EUR	4,4500	4,4600	4,4500	3	4,4600	4,4400	4	100	110	31-12-2018
O	ING	ING	20-12-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	10009	31-12-2018
O	ING	ING	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000	4	0	263	31-12-2018
O	ING	ING	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	8945	31-12-2018
O	ING	ING	20-12-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900	3	0	184	31-12-2018
O	ING	ING	20-12-2019	7,0000	P	EUR	0,4600	0,4600	0,4600	1	0,4600	0,4600	0	1	10302	31-12-2018
O	ING	ING	20-12-2019	8,0000	C	EUR	1,8000	1,8000	1,7700	2	1,7700	1,7800	2	12	1127	31-12-2018
O	ING	ING	20-12-2019	8,0000	P	EUR	0,7800	0,7800	0,7600	6	0,7600	0,7600	1	75	9049	31-12-2018
O	ING	ING	20-12-2019	8,5000	C	EUR	1,4200	1,4200	1,4200	1	1,4200	1,4200	1	1	55	31-12-2018
O	ING	ING	20-12-2019	8,5000	P	EUR	0,9700	0,9700	0,9700	1	0,9700	0,9700	1	2	49	31-12-2018
O	ING	ING	20-12-2019	9,0000	C	EUR	1,1300	1,1400	1,1200	6	1,1200	1,1300	1	140	2953	31-12-2018
O	ING	ING	20-12-2019	9,0000	P	EUR	1,2100	1,2200	1,2100	4	1,2100	1,2100	1	15	18210	31-12-2018
O	ING	ING	20-12-2019	9,5000	C	EUR	0,8700	0,8800	0,8700	3	0,8700	0,8700	1	11	271	31-12-2018
O	ING	ING	20-12-2019	9,5000	P	EUR	1,5300	1,5300	1,5000	2	1,5000	1,4800	1	531	531	31-12-2018
O	ING	ING	20-12-2019	10,0000	C	EUR	0,6700	0,6800	0,6500	21	0,6700	0,6700	1	133	11466	31-12-2018
O	ING	ING	20-12-2019	10,0000	P	EUR	1,8200	1,8200	1,8000	3	1,8100	1,8100	2	50	27590	31-12-2018
O	ING	ING	20-12-2019	11,0000	C	EUR	0,4000	0,4000	0,3700	10	0,3900	0,3900	0	342	20853	31-12-2018
O	ING	ING	20-12-2019	11,0000	P	EUR	2,5100	2,5100	2,5100	1	2,5100	2,5500	3	1	37652	31-12-2018
O	ING	ING	20-12-2019	12,0000	C	EUR	0,2500	0,2500	0,2200	12	0,2200	0,2100	0	85	34793	31-12-2018
O	ING	ING	20-12-2019	12,0000	P	EUR	3,4000	3,4400	3,4000	11	3,4000	3,4000	3	107	21683	31-12-2018
O	ING	ING	20-12-2019	13,0000	C	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1300	0	50	6762	31-12-2018
O	ING	ING	20-12-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100	4	0	2587	31-12-2018
O	ING	ING	20-12-2019	14,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700	0	50	67526	31-12-2018
O	ING	ING	20-12-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2700	5	0	32825	31-12-2018
O	ING	ING	20-12-2019	15,0000	C	EUR	0,0500	0,0500	0,0500	2	0,0500	0,0400	0	200	33347	31-12-2018
O	ING	ING	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2400	6	0	22473	31-12-2018
O	ING	ING	20-12-2019	16,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0300	0	5	25429	31-12-2018
O	ING	ING	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1900	7	0	9757	31-12-2018
O	ING	ING	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	9698	31-12-2018
O	ING	ING	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1900	9	0	5307	31-12-2018
O	ING	ING	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	25916	31-12-2018
O	ING	ING	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1900	11	0	12921	31-12-2018
O	ING	ING	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8222	31-12-2018
O	ING	ING	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2400	16	0	4382	31-12-2018
O	ING	ING	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4800	3	0	50	31-12-2018
O	ING	ING	19-6-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	10	31-12-2018
O	ING	ING	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	512	31-12-2018
O	ING	ING	19-6-2020	8,0000	P	EUR	1,0500	1,0500	1,0500	1	1,0500	1,0500	1	100	535	31-12-2018
O	ING	ING	19-6-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	1174	31-12-2018
O	ING	ING	19-6-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	8311	31-12-2018
O	ING	ING	19-6-2020	10,0000	C	EUR	0,8100	0,8100	0,8100	1	0,8100	0,8100	1	5	1670	31-12-2018
O	ING	ING	19-6-2020	10,0000	P	EUR	2,2400	2,2500	2,2200	4	2,2200	2,2200	2	24	7004	31-12-2018
O	ING	ING	19-6-2020	11,0000	C	EUR	0,5300	0,5300	0,5200	4	0,5200	0,5300	1	25	668	31-12-2018
O	ING	ING	19-6-2020	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0000	3	0	7390	31-12-2018
O	ING	ING	19-6-2020	12,0000	C	EUR	0,3400	0,3500	0,3400	4	0,3500	0,3400	0	150	5322	31-12-2018
O	ING	ING	19-6-2020	12,0000	P	EUR	3,8500	3,8500	3,8500	1	3,8500	3,8300	4	25	1736	31-12-2018
O	ING	ING	19-6-2020	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	30	31-12-2018
O	ING	ING	19-6-2020	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7300	5	0	231	31-12-2018
O	ING	ING	19-6-2020	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	1264	31-12-2018
O	ING	ING	19-6-2020	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6700	6	0	1948	31-12-2018
O	ING	ING	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	867	31-12-2018
O	ING	ING	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6200	7	0	546	31-12-2018
O	ING	ING	19-6-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	882	31-12-2018
O	ING	ING	19-6-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6200	8	0	878	31-12-2018
O	ING	ING	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	325	31-12-2018
O	ING	ING	19-6-2020	20,0000</												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	ING	ING	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	2201 31-12-2018
O	ING	ING	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	4891 31-12-2018
O	ING	ING	18-12-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	4055 31-12-2018
O	ING	ING	18-12-2020	9,0000	P	EUR	1,8200	1,8500	1,8200	3	1,8500	1,8300		2	12	1857 31-12-2018
O	ING	ING	18-12-2020	10,0000	C	EUR	0,8900	0,9500	0,8900	5	0,9500	0,9300		1	111	5253 31-12-2018
O	ING	ING	18-12-2020	10,0000	P	EUR	2,5500	2,5500	2,5500	1	2,5500	2,5100		3	8	13970 31-12-2018
O	ING	ING	18-12-2020	11,0000	C	EUR	0,6400	0,6700	0,6400	2	0,6700	0,6500		1	33	7117 31-12-2018
O	ING	ING	18-12-2020	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	1847 31-12-2018
O	ING	ING	18-12-2020	12,0000	C	EUR	0,4700	0,4700	0,4300	3	0,4500	0,4500		0	15	12302 31-12-2018
O	ING	ING	18-12-2020	12,0000	P	EUR	4,1500	4,1500	4,1500	1	4,1500	4,1200		4	25	18014 31-12-2018
O	ING	ING	18-12-2020	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	645 31-12-2018
O	ING	ING	18-12-2020	13,0000	P	EUR	5,0500	5,0500	5,0500	1	5,0500	5,0400		5	368	31-12-2018
O	ING	ING	18-12-2020	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	12940 31-12-2018
O	ING	ING	18-12-2020	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9500		6	0	10658 31-12-2018
O	ING	ING	18-12-2020	15,0000	C	EUR	0,1800	0,1800	0,1800	2	0,1800	0,1700		0	60	10632 31-12-2018
O	ING	ING	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8900		7	0	2174 31-12-2018
O	ING	ING	18-12-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	2717 31-12-2018
O	ING	ING	18-12-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8700		8	0	1021 31-12-2018
O	ING	ING	18-12-2020	18,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700		0	10	1638 31-12-2018
O	ING	ING	18-12-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8200		10	0	128 31-12-2018
O	ING	ING	18-12-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	12498 31-12-2018
O	ING	ING	18-12-2020	20,0000	P	EUR	11,8000	11,8000	11,8000	1	11,8000	11,7900		12	1	11859 31-12-2018
O	ING	ING	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1796 31-12-2018
O	ING	ING	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7900		17	0	403 31-12-2018
O	ING	ING	17-12-2021	6,0000	C	EUR	3,6000	3,6000	3,5500	3	3,5600	3,5100		4	4	83 31-12-2018
O	ING	ING	17-12-2021	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	2508 31-12-2018
O	ING	ING	17-12-2021	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	2860 31-12-2018
O	ING	ING	17-12-2021	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	1415 31-12-2018
O	ING	ING	17-12-2021	9,0000	C	EUR	1,5100	1,5100	1,5100	1	1,5100	1,5100		2	10	4499 31-12-2018
O	ING	ING	17-12-2021	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	1359 31-12-2018
O	ING	ING	17-12-2021	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	14043 31-12-2018
O	ING	ING	17-12-2021	10,0000	P	EUR	3,1300	3,1300	3,0900	2	3,0900	3,1100		3	21	4821 31-12-2018
O	ING	ING	17-12-2021	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	15848 31-12-2018
O	ING	ING	17-12-2021	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500		5	0	6063 31-12-2018
O	ING	ING	17-12-2021	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	4350 31-12-2018
O	ING	ING	17-12-2021	13,0000	P	EUR	5,6600	5,6600	5,6600	1	5,6600	5,6500		6	7	11943 31-12-2018
O	ING	ING	17-12-2021	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	7360 31-12-2018
O	ING	ING	17-12-2021	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5500		7	0	5399 31-12-2018
O	ING	ING	17-12-2021	15,0000	C	EUR	0,3300	0,3300	0,3300	1	0,3300	0,3200		0	25	8161 31-12-2018
O	ING	ING	17-12-2021	15,0000	P	EUR	7,4000	7,4000	7,4000	1	7,4000	7,4700		7	1	1660 31-12-2018
O	ING	ING	17-12-2021	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	16740 31-12-2018
O	ING	ING	17-12-2021	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4500		8	0	1943 31-12-2018
O	ING	ING	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	3639 31-12-2018
O	ING	ING	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3700		10	0	621 31-12-2018
O	ING	ING	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	11221 31-12-2018
O	ING	ING	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3200		12	0	502 31-12-2018
O	ING	ING	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	9083 31-12-2018
O	ING	ING	17-12-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2900		17	0	830 31-12-2018
O	ING	ING	16-12-2022	6,0000	C	EUR	3,5500	3,5500	3,5500	1	3,5500	3,5500		4	1	512 31-12-2018
O	ING	ING	16-12-2022	6,0000	P	EUR	1,0000	1,0600	1,0000	3	1,0600	1,0800		1	4	676 31-12-2018
O	ING	ING	16-12-2022	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	3963 31-12-2018
O	ING	ING	16-12-2022	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	3510 31-12-2018
O	ING	ING	16-12-2022	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	4418 31-12-2018
O	ING	ING	16-12-2022	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	753 31-12-2018
O	ING	ING	16-12-2022	10,0000	C	EUR	1,2700	1,3000	1,2700	7	1,3000	1,2900		1	34	25151 31-12-2018
O	ING	ING	16-12-2022	10,0000	P	EUR	3,6100	3,6100	3,5900	2	3,5900	3,6100		4	12	8042 31-12-2018
O	ING	ING	16-12-2022	12,0000	C	EUR	0,7700	0,7700	0,7700	3	0,7700	0,7900		1	14	9810 31-12-2018
O	ING	ING	16-12-2022	12,0000	P	EUR	5,3500	5,3500	5,3500	1	5,3500	5,2400		5	10	3262 31-12-2018
O	ING	ING	16-12-2022	14,0000	C	EUR	0,5000	0,5100	0,4700	3	0,5100	0,5300		1	9	22656 31-12-2018
O	ING	ING	16-12-2022	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0500		7	0	5718 31-12-2018
O	ING	ING	16-12-2022	15,0000	C	EUR	0,3700	0,3700	0,3700	1	0,3700	0,4200		0	1	11795 31-12-2018
O	ING	ING	16-12-2022	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	2158 31-12-2018
O	ING	ING	16-12-2022	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	11724 31-12-2018
O	ING	ING	16-12-2022	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9200		9	0	2816 31-12-2018
O	ING	ING	16-12-2022	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	5464 31-12-2018
O	ING	ING	16-12-2022	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8200		13	0	631 31-12-2018
O	ING	ING	16-12-2022	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	3563 31-12-2018
O	ING	ING	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6900		18	0	1280 31-12-2018
O	ING	ING	15-12-2023	6,0000	C	EUR	3,6000	3,6000	3,6000	1	3,6000	3,6100		4	1	1 31-12-2018
O	ING	ING	15-12-2023	6,0000	P	EUR	1,1300	1,2800	1,1300	4	1,2800	1,2900		1	102	123 31-12-2018
O	ING	ING	15-12-2023	8,0000	C	EUR	2,6200	2,6200	2,2600	3	2,2600	2,1500		2	12	29 31-12-2018
O	ING	ING	15-12-2023	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	114 31-12-2018
O	ING	ING	15-12-2023	9,0000	C	EUR	1,7700	1,7800	1,7600	4	1,7700	1,7200		2	133	1392 31-12-2018
O	ING	ING	15-12-2023	9,0000	P	EUR	3,1300	3,1600	3,1300	2	3,1600	3,2000		3	6	225 31-12-2018
O	ING	ING	15-12-2023	10,0000	C	EUR	1,3900	1,4200	1,3900	3	1,4200	1,3400		1	15	15 31-12-2018
O	ING	ING	15-12-2023	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	0 31-12-2018
O	ING	ING	15-12-2023	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	26 31-12-2018
O	ING	ING	15-12-2023	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6300		6	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	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000	3	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100	4	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-09-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9100	5	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200	3	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	4,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800	2	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ISF	ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800	3	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500	3	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700	2	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100	2	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	20,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	1	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	3	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	18-11-2019	21,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF														

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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 Core S&P 500 UCITS ETF	20-12-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	ISS	ISS Stock Option (Underlying: iShares Core S&P 500 UCITS ETF	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9300	6	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,3456	22	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,3393	22	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,3350	22	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,9054	22	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,8906	22	0	0	31-12-2018
F	IT6	Inditex SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,6881	22	0	0	31-12-2018
F	IT8	Inditex - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6181	1	0	0	31-12-2018
F	IT8	Inditex - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6990	1	0	0	31-12-2018
F	IT8	Inditex - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7935	1	0	0	31-12-2018
F	IT8	Inditex - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7935	1	0	0	31-12-2018
F	IT8	Inditex - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7935	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900	5	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	35	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900	3	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	100	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100	2	0	36	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	30	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	255	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	804	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	24	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	33	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	30	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	2	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	15	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	4	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	15,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	15,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	79	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	37	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	2	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	35	31-12-2018
O	ITR	Intertrust - Stock Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100	4	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	1	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100	3	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	13,0000	P	EUR	0,1700	0,1700	0,1700	2	0,1700	0,1300	0	35	175	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	104	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	10	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	95	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	1840	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	20	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	81	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	1	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	15,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	11	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	15,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	1	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	52	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	68	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400	2	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000	3	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300	4	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100	3	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	7	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	3	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	0	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	17,0000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1800	0	1	1	31-12-2018
O	ITR	Intertrust - Stock Option	15-3-2019	17,0000	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
F	KI6	Kingspan Group Plc - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,8870		37	0	0 31-12-2018
F	KI6	Kingspan Group Plc - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,8657		37	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	KK8	Kesko OYJ B - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000		3	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6317		42	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	41,6200		42	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,9124		40	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,8770		40	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,8501		40	0	0 31-12-2018
F	KO6	Kone OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,8270		40	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,5595		3	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,5588		3	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,5583		3	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,4961		2	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,4644		2	0	0 31-12-2018
F	KP6	KPN NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,4630		2	0	0 31-12-2018
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 31-12-2018
F	KP8	KPN Koninklijke - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1380		0	234	31-12-2018
F	KP8	KPN Koninklijke - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1380		0	234	31-12-2018
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 31-12-2018
F	KP8	KPN Koninklijke - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1380		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	22 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	45 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	11	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	201	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	1	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	365	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	117	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	10152 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	1	0,0800		1	402	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	373	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	1358 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,6000	P	EUR	0,0900	0,0900	0,0900	-	1	0,0900		0	1	1043 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	10061 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,7000	P	EUR	0,1900	0,1900	0,1700	-	2	0,1700		0	2	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	23	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	25	31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	18-1-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600		1	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	21 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	262 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	121	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	819	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	610	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,4000	C	EUR	0,1800	0,1800	0,1800	-	2	0,1800		0	10	18 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	661	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	208	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,5000	P	EUR	0,0800	0,0800	0,0800	-	1	0,0800		0	1	242 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	515	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	351	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	10148	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	480	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	117	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	1487	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	10	31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	60 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-2-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-3-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600		2	0	0 31-12-2018
O	KPN	KONINKLUKE KPN NV	15-3-2019	0,5000	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	KPN	KONINKLIJKE KPN NV	15-3-2019	1,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	417	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,1900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	646	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,1900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	4334	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,3900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	3059	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,3900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	2574	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	1	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,5000	P	EUR	0,1000	0,1000	0,1000	1	0,1000	0,1000	0	1	1	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,5900	C	EUR	0,1100	0,1100	0,1100	2	0,1100	0,1100	0	30	3381	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,5900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	4404	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	5	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	770	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	832	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	353	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	2,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	503	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	3,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	265	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-3-2019	3,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200	1	0	89	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	0	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	0,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	72	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	95	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	1,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	4374	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	1,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	307	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	2258	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	2343	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,4000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2500	0	40	1159	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1890	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,4900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	3868	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	4485	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,6000	C	EUR	0,1300	0,1400	0,1300	2	0,1400	0,1400	0	9	2195	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	3952	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	6749	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	1581	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,9800	C	EUR	0,0500	0,0500	0,0500	2	0,0500	0,0500	0	35	2452	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	2,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	3699	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	3,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	561	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	21-6-2019	3,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	799	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	17	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	34	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	336	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	12	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	7335	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	33	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	3107	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	673	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	698	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	178	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	1858	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	26	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	1204	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	14	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-9-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	83	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	97	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	596	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	1,8000	C	EUR	0,7400	0,7500	0,7400	3	0,7500	0,7700	1	20	3855	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	845	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	483	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	511	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	2,2500	C	EUR	0,3800	0,3800	0,3800	1	0,3800	0,3800	0	3	6559	31-12-2018
O	KPN	KONINKLIJKE KPN NV	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	KPN	KONINKLIJKE KPN NV	20-12-2019	3,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	12262	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	3,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	12005	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	5956	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	3,6000	P	EUR	1,1700	1,1700	1,1700	2	1,1700	1,1700	1	5	6567	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	54	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	4010	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	20-12-2019	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700	3	0	2175	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	10	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	120	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	5	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	465	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	221	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	1472	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	2118	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	3,0000	C	EUR	0,1300	0,1300	0,1300	2	0,1300	0,1200	0	226	2582	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	315	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	19-6-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	513	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	172	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600	1	0	47	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	1,8000	C	EUR	0,7500	0,7700	0,7500	2	0,7700	0,7700	1	13	5546	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	3857	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	720	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	958	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	3921	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	3312	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,7000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2200	0	10	12942	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	8495	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	3,1400	C	EUR	0,1200	0,1200	0,1200	2	0,1200	0,1300	0	32	16685	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	3,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	18249	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	2377	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	3571	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	105	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800	2	0	108	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	1037	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800	2	0	3061	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	5,4100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10107	31-12-2018
O	KPN	KONINKLIJKE KPN NV	18-12-2020	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	909	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	50	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	0,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	387	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	0,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	135	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	1,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	5746	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	1,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	3753	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	2,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	5182	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	2,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	2238	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	2,9600	C	EUR	0,1900	0,1900	0,1900	2	0,1900	0,2100	0	53	2933	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	2,9600	P	EUR	0,8600	0,8600	0,8600	1	0,8600	0,8500	1	3	2693	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	3,9600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	1413	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	3,9600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	1746	31-12-2018
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	31-12-2018
O	KPN	KONINKLIJKE KPN NV	17-12-2021	5,9400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	1668	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	5	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	0,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	235	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	0,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	1,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	3914	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	1,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	3081	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	2,4900	C	EUR	0,3900	0,4000	0,3900	4	0,4000	0,3900	0	19	4643	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	2,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	2637	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	2,9800	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2500	0	5	5032	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	2,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	3551	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	3,9800	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,1000	0	20	774	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	3,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	804	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	5,9700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	727	31-12-2018
O	KPN	KONINKLIJKE KPN NV	16-12-2022	5,9700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700	4	0	5078	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-12-2023	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-12-2023	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-12-2023	2,0000	C	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6900	1	3	3	31-12-2018
O	KPN	KONINKLIJKE KPN NV	15-12-2023	2,0000	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	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	1,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	1,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	1,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	50	0	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,1900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	350	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,1900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	1555	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,3900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	1564	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,3900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	315	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,5900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1742	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,5900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	1005	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,7800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	297	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,7800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	605	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	102	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	2,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	427	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	3,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	3,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	245	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	3,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	15-3-2019	3,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200	1	0	74	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	0,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	0,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	1,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	3632	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	1,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	101	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	2,4900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	2219	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	2,4900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	2942	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	2,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	2541	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	2,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	1028	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	3,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	657	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	3,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	59	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	3,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	186	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	21-6-2019	3,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	964	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	478	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2181	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	1,8000	C	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7700	1	40	3991	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	2086	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	7782	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	8860	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	4545	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,4800	P	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2500	30	7131	7131	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	37299	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	6279	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	3,1400	C	EUR	0,0900	0,0900	0,0900	1	0,0900	0,0600	0	30	23767	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	3,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	24475	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	14348	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	13187	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1468	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	3370	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	5,4100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2397	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	20-12-2019	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700	3	0	5980	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	125	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1521	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	5801	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	2260	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	2,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	5650	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	2,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	3871	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	15053	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	9268	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	3,1400	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1300	0	30	17908	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	3,1400	P	EUR	0,9200	0,9200	0,9200	1	0,9200	0,8900	1	30	20102	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	5235	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	1880	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	1360	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800	2	0	1877	31-12-2018
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	16517	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	18-12-2020	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	2140	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	0,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	257	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	0,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1608	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	1,9800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	7480	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	1,9800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	3874	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	2,4800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	6118	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	2,4800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	3369	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	2,9600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	3186	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	2,9600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	3491	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	3,9600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	1538	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	3,9600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	2221	31-12-2018
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	2326	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	17-12-2021	5,9400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	2655	31-12-2018

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	KPV	KONINKLIJKE KPN NV OLD	16-12-2022	5,9700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	31	31-12-2018
O	KPV	KONINKLIJKE KPN NV OLD	16-12-2022	5,9700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700	4	0	825	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	211	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	727	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	1,8000	C	EUR	0,7600	0,7600	0,7600	1	0,7600	0,7700	1	10	845	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	750	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	2,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	1468	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	2,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	2029	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	9668	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	1052	31-12-2018
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	5934	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	3,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	7673	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	4015	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	3,6000	P	EUR	1,1700	1,1700	1,1700	1	1,1700	1,1700	1	5	4201	31-12-2018
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	417	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	302	31-12-2018
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	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	20-12-2019	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700	3	0	1368	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	2	31-12-2018
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	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	306	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	476	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	966	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	428	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	3,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	466	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	3,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	295	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	1010	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	347	31-12-2018
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	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800	2	0	127	31-12-2018
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	267	31-12-2018
O	KPZ	KONINKLIJKE KPN NV OLD	18-12-2020	5,4100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	664	31-12-2018
F	K56	K+5 AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,7169	16	0	0	31-12-2018
F	K56	K+5 AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,7125	16	0	0	31-12-2018
F	K56	K+5 AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,7095	16	0	0	31-12-2018
F	K56	K+5 AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,3957	15	0	0	31-12-2018
F	K56	K+5 AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,3852	15	0	0	31-12-2018
F	K56	K+5 AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	15,3764	15	0	0	31-12-2018
F	K58	K+5 - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
F	K58	K+5 - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
F	K58	K+5 - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
F	K58	K+5 - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
F	K58	K+5 - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	105,3212	105	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	105,3073	105	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	104,6100	105	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	104,5531	105	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	103,6196	104	0	0	31-12-2018
F	KT6	Elekta B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	103,6085	104	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	126,2950	126	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	126,2569	126	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	126,2104	126	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	119,8974	120	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	119,7891	120	0	0	31-12-2018
F	KU6	Kuehne + Nagel International - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	119,6550	120	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	213,6417	214	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	213,6135	214	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	213,6188	214	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	205,0046	205	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	204,9395	205	0	0	31-12-2018
F	KV6	Kinnevik B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	204,9179	205	0	0	31-12-2018
F	KV8	Kinnevik B - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	8,5000	9	0	0	31-12-2018
F	KV8	Kinnevik B - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	8,7500	9	0	0	31-12-2018
F	KV8	Kinnevik B - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	9,0000	9	0	0	31-12-2018
F	KV8	Kinnevik B - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	9,0000	9	0	0	31-12-2018
F	KV8	Kinnevik B - Dividend	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	9,0000	9	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600	4	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900	3	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600	1	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	20	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	0	31-12-2018
O	KVW	VolkerWessels Koninklijke - Stock Option	18-1-2019	13												

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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	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	2 31-12-2018
O	KVV	VolkerWessels Koninklijke - Stock Option	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	286 31-12-2018
O	KVV	VolkerWessels Koninklijke - Stock Option	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8100		6	0	0 31-12-2018
O	KVV	VolkerWessels Koninklijke - Stock Option	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	0 31-12-2018
O	KVV	VolkerWessels Koninklijke - Stock Option	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5700		8	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	732,8700		733	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	733,3400		733	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	733,9600		734	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	718,0600		718	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	710,4800		710	0	0 31-12-2018
F	KX6	Aggreko - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	712,3300		712	0	0 31-12-2018
F	LBO	Linde OLD - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	1 31-12-2018
F	LBO	Linde OLD - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LBO	Linde OLD - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LBO	Linde OLD - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	189,5982		190	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	189,5732		190	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	189,5780		190	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	184,7262		185	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	184,6673		185	0	0 31-12-2018
F	LA6	Alfa Laval - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	184,6475		185	0	0 31-12-2018
F	LD6	ABB - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	18,6869		19	0	0 31-12-2018
F	LD6	ABB - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	18,6812		19	0	0 31-12-2018
F	LD6	ABB - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	18,6744		19	0	0 31-12-2018
F	LD6	ABB - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	17,8428		18	0	0 31-12-2018
F	LD6	ABB - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	17,8266		18	0	0 31-12-2018
F	LD6	ABB - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	17,8067		18	0	0 31-12-2018
F	LD8	ABB - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
F	LD8	ABB - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	0 31-12-2018
F	LD8	ABB - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
F	LD8	ABB - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
F	LD8	ABB - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	138,5225		139	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	138,4836		138	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	137,6972		138	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	136,8154		137	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	135,9631		136	0	0 31-12-2018
F	LE6	Linde PLC - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	135,1247		135	0	0 31-12-2018
F	LE8	Linde - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	1 31-12-2018
F	LE8	Linde - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LE8	Linde - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LE8	Linde - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LE8	Linde - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	231,0800		231	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	231,2300		231	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	231,4300		231	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	220,2000		220	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	215,8500		216	0	0 31-12-2018
F	LL6	Legal & General Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	216,4100		216	0	0 31-12-2018
F	LL8	Legal & General Group - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	16,4000		16	0	0 31-12-2018
F	LL8	Legal & General Group - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	17,6000		18	0	0 31-12-2018
F	LL8	Legal & General Group - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	19,0000		19	0	0 31-12-2018
F	LL8	Legal & General Group - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	19,0000		19	0	0 31-12-2018
F	LL8	Legal & General Group - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	19,0000		19	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1748,4400		1748	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1749,5600		1750	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1712,7100		1713	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1717,0500		1717	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1680,3900		1680	0	0 31-12-2018
F	LO6	Anglo American - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1684,7700		1685	0	0 31-12-2018
F	LO8	Anglo American - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
F	LO8	Anglo American - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
F	LO8	Anglo American - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	0 31-12-2018
F	LO8	Anglo American - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	0 31-12-2018
F	LO8	Anglo American - Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,9065		31	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,8972		31	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,8858		31	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,8326		31	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,8044		31	0	0 31-12-2018
F	LT6	Logitech International - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	30,7698		31	0	0 31-12-2018
F	LU6	Deutsche Lufthansa AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,6961		20	0	0 31-12-2018
F	LU6	Deutsche Lufthansa AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,6906		20	0	0 31-12-2018
F	LU6	Deutsche Lufthansa AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,6868		20	0	0 31-12-2018
F	LU6	Deutsche Lufthansa AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,8697		19	0	0 31-12-2018
F	LU6	Deutsche Lufthansa AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,8570		19	0	0 31-12-2018
F	LU6															

Instrument Type*	Instrument Trading Symbol	Instrument 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	LX6	Lanxess AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,2377		39	0	31-12-2018
F	LX6	Lanxess AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,2112		39	0	31-12-2018
F	LX6	Lanxess AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	39,1886		39	0	31-12-2018
F	LY8	Lloyds Banking Group - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	31-12-2018
F	LY8	Lloyds Banking Group - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3,7000		4	0	31-12-2018
F	LY8	Lloyds Banking Group - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	31-12-2018
F	LY8	Lloyds Banking Group - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	31-12-2018
F	LY8	Lloyds Banking Group - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	254,5891		255	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	254,5123		255	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	254,4187		254	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	250,8833		251	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	250,6540		251	0	31-12-2018
F	LZ6	Lonza Group - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	250,3727		250	0	31-12-2018
F	MA8	Mediaset - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	31-12-2018
F	MA8	Mediaset - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	MA8	Mediaset - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
F	MA8	Mediaset - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
F	MA8	Mediaset - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	31-12-2018
F	MB6	Swedish Match - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	349,0047		349	0	31-12-2018
F	MB6	Swedish Match - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	348,9586		349	0	31-12-2018
F	MB6	Swedish Match - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	348,9674		349	0	31-12-2018
F	MB6	Swedish Match - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	337,7817		338	0	31-12-2018
F	MB6	Swedish Match - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	337,6739		338	0	31-12-2018
F	MB6	Swedish Match - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	337,6378		338	0	31-12-2018
F	MB8	Swedish Match - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	9,5000		10	0	31-12-2018
F	MB8	Swedish Match - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,0000		10	0	31-12-2018
F	MB8	Swedish Match - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	MB8	Swedish Match - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	MB8	Swedish Match - Dividend	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	10,5000		11	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	292,9200		293	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	292,8813		293	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	292,8887		293	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	279,7314		280	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	279,6427		280	0	31-12-2018
F	MD6	Modern Times Group B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	279,6137		280	0	31-12-2018
F	ME6	Ceconomy - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,1454		3	0	31-12-2018
F	ME6	Ceconomy - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8445		3	0	31-12-2018
F	ME6	Ceconomy - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8440		3	0	31-12-2018
F	ME6	Ceconomy - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8415		3	0	31-12-2018
F	ME6	Ceconomy - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8395		3	0	31-12-2018
F	ME6	Ceconomy - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,8379		3	0	31-12-2018
F	ME8	Ceconomy - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	31-12-2018
F	ME8	Ceconomy - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	31-12-2018
F	ME8	Ceconomy - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	31-12-2018
F	ME8	Ceconomy - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
F	ME8	Ceconomy - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	256,8400		257	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	257,0100		257	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	257,2300		257	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	242,3500		242	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	235,2600		235	0	31-12-2018
F	MG6	Standard Life Aberdeen - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	235,8700		236	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	18-1-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	182,8232		183	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	15-2-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	182,9788		183	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	180,5159		181	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	178,2621		178	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	176,1106		176	0	31-12-2018
F	MH6	Marine Harvest - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	173,9147		174	0	31-12-2018
F	MJ8	Mediobanca - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
F	MJ8	Mediobanca - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
F	MJ8	Mediobanca - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
F	MJ8	Mediobanca - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
F	MJ8	Mediobanca - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	89,9621		90	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	89,9369		90	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	89,9197		90	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	88,5607		89	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	88,5008		89	0	31-12-2018
F	MK6	Merck KGaA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	88,4497		88	0	31-12-2018
F	MK8	Merck - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	31-12-2018
F	MK8	Merck - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	31-12-2018
F	MK8	Merck - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	31-12-2018
F	MK8	Merck - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	31-12-2018
F	MK8	Merck - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	31-12-2018
F	MP6	Mapfre SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,3195		2	0	31-12-2018
F	MP6	Mapfre SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,3189		2	0	31-12-2018
F	MP6	Mapfre 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	MP8	Mapfre - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	246,2200	246	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	246,3800	246	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	246,5900	247	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	235,3100	235	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	235,9000	236	0	0	31-12-2018
F	MQ6	Marks & Spencer Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	229,7100	230	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	190,5122	191	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	190,4587	190	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	190,4223	190	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	183,2569	183	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	183,1332	183	0	0	31-12-2018
F	MR6	Muenchener Rueckversicherung - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	183,0277	183	0	0	31-12-2018
F	MR8	Muenchener Rueckversicherung - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,9500	9	0	6	31-12-2018
F	MR8	Muenchener Rueckversicherung - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,9500	9	0	0	31-12-2018
F	MR8	Muenchener Rueckversicherung - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	0	31-12-2018
F	MR8	Muenchener Rueckversicherung - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,5500	10	0	0	31-12-2018
F	MR8	Muenchener Rueckversicherung - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,5500	10	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,6000	31	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7000	21	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8300	16	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	178,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9700	13	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	178,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	10	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1100	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	182,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3300	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	182,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	184,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6500	8	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	184,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300	1	2	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	186,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0700	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	186,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	1	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	188,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	188,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800	3	0	1	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8700	3	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	192,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3300	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	192,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	194,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	10	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	194,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	196,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	196,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3900	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	198,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	198,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0200	8	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7800	10	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	205,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5800	15	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5100	20	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-1-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,4900	29	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3200	21	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7800	17	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5200	13	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	182,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9100	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	182,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	184,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	184,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6100	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1400	3	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	186,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9900	8	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	186,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	188,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6500	7	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	188,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3900	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9300	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	192,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	192,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1400	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	194,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	194,0000	P	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	MRQ	Muenchener Re - Stock Option	15-2-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8300		20	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-2-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,6100		30	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,7600		51	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,9400		41	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2700		31	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5400		27	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	136 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,9700		22	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	7 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,6100		18	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5500		14	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100		3	0	11 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	182,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0100		12	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	182,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700		4	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	184,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6000		11	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	184,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1700		4	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9300		10	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4900		4	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	186,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2600		9	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	186,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200		5	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	188,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0300		8	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	188,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6000		6	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8700		7	0	4 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4400		6	0	13 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	192,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8500		6	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	192,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4200		7	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	194,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8800		5	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	194,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4500		8	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4700		4	0	1 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0500		9	0	12 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	65 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2600		12	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	205,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0500		16	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	100 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3500		20	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	20 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8100		30	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,6500		40	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,6200		50	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	260,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	15-3-2019	260,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	69,6200		70	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	90,5500		91	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	10	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	70,6100		71	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8200		51	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,0900		41	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,6500		32	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3400		3	0	628 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,1500		27	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	107 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,8400		23	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500		5	0	82 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7800		19	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700		7	0	2 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0200		15	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8100		9	0	39 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7000		12	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0600		11	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7800		9	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6800		14	0	24 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000		6	0	0 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6900		17	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4100		4	0	12 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,2200		20	0	10 31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	205,0000	C	EUR	0,0000	0,0000	0,000							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	MRQ	Muenchener Re - Stock Option	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,8900	67	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	116,9300	117	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8200	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,1800	41	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000	3	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,9300	32	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8500	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,3700	23	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3900	7	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5500	20	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0900	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1100	16	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2000	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8000	13	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3500	13	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9400	10	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8300	16	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6100	8	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8400	19	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6100	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1100	22	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	205,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1800	4	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	205,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,8600	26	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0200	3	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8100	30	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,4900	38	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-9-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,7800	48	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	90,5500	91	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800	1	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	70,5900	71	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,8800	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9200	3	0	16	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,3500	41	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2700	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3100	32	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2300	6	0	10	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2100	24	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1700	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	175,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,7700	21	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	175,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2500	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5300	18	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3900	13	0	11	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5200	15	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7400	16	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9200	12	0	5	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,3800	18	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	195,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9700	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	195,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6300	21	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900	7	0	48	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8200	24	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,2600	31	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,5600	40	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	230,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	230,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,5300	49	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,9400	58	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,6300	68	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	117,3300	117	0	25	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	90,5500	91	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	70,5500	71	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,7200	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8900	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	41,1500	41	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	150,000												

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	MRQ	Muenchener Re - Stock Option	19-6-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9900	25	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7700	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,5800	32	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2700	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,6000	40	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2600	4	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,9600	48	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	240,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	240,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,1300	66	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,6400	76	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	19-6-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	124,8700	125	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	90,5500	91	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	70,5500	71	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,7000	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9000	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,5600	33	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9400	12	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,0400	25	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0800	16	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0800	19	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3300	21	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7900	14	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,7900	27	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9100	10	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,3900	33	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9500	7	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,7400	41	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,7500	49	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,6900	76	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-12-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	124,7700	125	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	70,5500	71	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,6900	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0200	10	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,6800	33	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,9100	18	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3000	25	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,8800	23	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,2200	19	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,5800	29	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3900	14	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,0000	35	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6300	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,1800	42	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000	8	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,9800	50	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500	5	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	58,2700	58	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,5000	86	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	18-6-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	134,6200	135	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9200	33	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8500	20	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,7900	26	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,8200	25	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9100	20	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,4200	30	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2000	15	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,8000	37	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4600	11	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	43,8400	44	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5200	9	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	51,3800	51	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1800	6	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	59,4000	59	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	0	31-12-2018
O	MRQ	Muenchener Re - Stock Option	17-12-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	134,8200	135	0	0	31-12-2018
F	MS6	Metso OYJ - Stock Future														

Instrument Type*	Instrument Trading Symbol	Instrument 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	MS8	Metso OY - Dividend	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	0 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	19 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	234	31-12-2018
O	MT	Arcelor Mittal	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	162 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	16,0000	P	EUR	0,1300	0,1300	0,1300	2	0,1300	0,1500		0	60	760 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	0 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	85 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	17,0000	P	EUR	0,3600	0,3600	0,3600	1	0,3600	0,3000		0	1	771 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	17,5000	C	EUR	1,2400	1,2400	1,0700	2	1,0700	1,0800		1	2	12 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	17,5000	P	EUR	0,4300	0,4300	0,4000	5	0,4100	0,4400		0	10	638 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	18,0000	C	EUR	0,7600	0,8800	0,7400	9	0,7700	0,7700		1	25	751 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	18,0000	P	EUR	0,5500	0,6200	0,5500	16	0,6200	0,6200		1	236	1310 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	18,5000	C	EUR	0,6100	0,6200	0,5400	6	0,5800	0,5200		1	10	1223 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	18,5000	P	EUR	0,8400	0,8600	0,8300	6	0,8500	0,8800		1	34	1328 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	19,0000	C	EUR	0,3900	0,3900	0,3200	7	0,3200	0,3300		0	15	1191 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	19,0000	P	EUR	1,2100	1,2100	1,1000	4	1,1700	1,1800		1	52	896 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	19,5000	C	EUR	0,2100	0,2500	0,2100	4	0,2500	0,2000		0	7	511 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600		2	0	9996 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	20,0000	C	EUR	0,1300	0,1400	0,1200	9	0,1200	0,1200		0	82	7203 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	672 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	6278 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300		2	0	18361 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	21,0000	C	EUR	0,0400	0,0400	0,0400	1	0,0400	0,0500		0	1	2382 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000		3	0	673 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	623	31-12-2018
O	MT	Arcelor Mittal	18-1-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	9281 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	3802 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	22,0000	P	EUR	3,8300	3,8300	3,7300	5	3,8000	3,8800		4	22	518 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	749 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800		4	0	162 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	23,0000	C	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0100		0	1	660 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700		5	0	256 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	362 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	23,5000	P	EUR	5,3000	5,3000	5,3000	1	5,3000	5,3700		5	4	389 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	24,0000	C	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0100		0	1	881 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8700		6	0	399 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	24,5000	C	EUR	0,0100	0,0100	0,0100	1	0,0100	0,0100		0	1	211 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3700		6	0	194 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	457 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8700		7	0	214 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	26,0000	C	EUR	0,0100	0,0100	0,0100	1	0,0100	0,0100		0	2	954 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8700		8	0	600 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	188 31-12-2018
O	MT	Arcelor Mittal	18-1-2019	27,0000	P	EUR	8,6700	8,7700	8,6700	2	8,7700	8,8700		9	2	516 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800		4	0	0 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800		3	0	0 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	4	4 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5300		3	0	19 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	145	31-12-2018
O	MT	Arcelor Mittal	15-2-2019	17,0000	C	EUR	1,8000	1,8000	1,8000	1	1,8000	1,7900		2	1	48 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	17,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6500		1	1	102 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	28 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	17,5000	P	EUR	0,7900	0,7900	0,7900	1	0,7900	0,8300		1	8	2437 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	18,0000	C	EUR	1,1800	1,1800	1,1800	1	1,1800	1,1700		1	40	59 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	18,0000	P	EUR	1,1000	1,1000	1,0000	4	1,0000	1,0300		1	25	161 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	18,5000	C	EUR	0,9600	0,9900	0,9100	3	0,9100	0,9200		1	12	274 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	9360 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	19,0000	C	EUR	0,7600	0,8000	0,7100	3	0,7100	0,7100		1	22	384 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	19,0000	P	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5800		2	1	2457 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	19,5000	C	EUR	0,5800	0,6200	0,5600	5	0,5600	0,5400		1	55	634 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	41 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	20,0000	C	EUR	0,4500	0,4700	0,4400	3	0,4400	0,4000		0	5	251 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	20,0000	P	EUR	2,2000	2,2000	2,2000	1	2,2000	2,2600		2	2	394 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	20,5000	C	EUR	0,3000	0,3200	0,3000	2	0,3200	0,3000		0	2	130 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600		3	0	113 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	21,0000	C	EUR	0,2300	0,2500	0,2200	6	0,2200	0,2100		0	106	596 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900		3	0	517 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	21,5000	C	EUR	0,1900	0,1900	0,1900	1	0,1900	0,1600		0	13	333 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200		4	0	35 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	313 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9800		4	0	656 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	253 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	7 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	201 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	23,0000	P	EUR	4,7200	4,8700	4,7200	5	4,8700	4,9200		5	102	110 31-12-2018
O	MT	Arcelor Mittal	15-2-2019	24,0000												

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	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
O	MT	Arcelor Mittal	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	31-12-2018
O	MT	Arcelor Mittal	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100		3	0	31-12-2018
O	MT	Arcelor Mittal	15-3-2019	16,0000	P	EUR	0,5700	0,5700	0,5700	1	0,5700	0,5700		1	8	2735 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	17,0000	C	EUR	1,9800	2,0400	1,9600	15	2,0400	2,0000		2	400	228 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	17,0000	P	EUR	0,8200	0,8200	0,8200	1	0,8200	0,8700		1	13	179 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	17,5000	C	EUR	1,6900	1,6900	1,6900	1	1,6900	1,6900		2	1	1 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	8 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	394 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	18,0000	P	EUR	1,2500	1,2500	1,2200	6	1,2200	1,2700		1	31	10939 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	18,5000	C	EUR	1,2200	1,2200	1,2200	1	1,2200	1,1600		1	76	78 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	12 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	19,0000	C	EUR	1,0100	1,0500	1,0100	2	1,0500	0,9400		1	77	1333 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	1101 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	3623 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	20,0000	P	EUR	2,4000	2,4600	2,4000	2	2,4600	2,4600		2	8	2223 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	21,0000	C	EUR	0,3800	0,3800	0,3600	3	0,3600	0,3700		0	6	7011 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	21,0000	P	EUR	3,1700	3,1700	3,1700	1	3,1700	3,2300		3	1	958 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	22,0000	C	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2200		0	5	4678 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0900		4	0	14063 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	23,0000	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1400		0	2	2974 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300		5	0	608 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	24,0000	C	EUR	0,0900	0,0900	0,0900	2	0,0900	0,0900		0	26	37006 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9700		6	0	1731 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	3382 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9500		7	0	805 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1238 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9000		8	0	2328 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	815 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9000		9	0	496 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	11589 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9000		10	0	440 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2493 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8900		11	0	915 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	47952 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8900		12	0	1159 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	30666 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	32,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	13,8900		14	0	535 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	598 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8900		17	0	528 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	302 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8900		22	0	140 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1217 31-12-2018
O	MT	Arcelor Mittal	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8900		27	0	577 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3700		6	0	0 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	138 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6400		5	0	378 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	1092 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	502 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	2475 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	0 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	2 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500		2	0	545 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	18,0000	P	EUR	1,8800	1,8800	1,8800	1	1,8800	1,9100		2	1	3348 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	19,0000	C	EUR	1,5300	1,5300	1,5300	1	1,5300	1,4900		1	1	1660 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	19,0000	P	EUR	2,4200	2,4200	2,4200	1	2,4200	2,4700		2	4	701 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	20,0000	C	EUR	1,1600	1,1600	1,1100	3	1,1100	1,1100		1	15	2700 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	20,0000	P	EUR	3,0500	3,1100	3,0500	2	3,1100	3,0900		3	20	3067 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	21,0000	C	EUR	0,8600	0,8800	0,8400	4	0,8400	0,8200		1	18	875 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	21,0000	P	EUR	3,7100	3,7100	3,7100	1	3,7100	3,8100		4	14	375 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	22,0000	C	EUR	0,6200	0,6200	0,6200	2	0,6200	0,6000		1	4	2688 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900		5	0	3121 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	23,0000	C	EUR	0,4400	0,4400	0,4400	1	0,4400	0,4300		0	1	1143 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	23,0000	P	EUR	5,3500	5,3700	5,3500	2	5,3700	5,4300		5	6	1145 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	24,0000	C	EUR	0,3400	0,3400	0,3400	1	0,3400	0,3100		0	3	1914 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	24,0000	P	EUR	6,2500	6,2500	6,2000	2	6,2000	6,3300		6	8	6245 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	25,0000	C	EUR	0,2300	0,2300	0,2300	3	0,2300	0,2300		0	9	843 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	25,0000	P	EUR	7,3500	7,3500	7,3500	1	7,3500	7,2300		7	1	6969 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	1377 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1800		8	0	3265 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	6855 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1400		9	0	520 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	1868 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1100		10	0	4722 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	300 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1000		11	0	842 31-12-2018
O	MT	Arcelor Mittal	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	3861 31-12-2018
O	MT															

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	MT	Arcelor Mittal	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	68 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4700		3	0	0 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	746 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	30 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	0 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400		2	0	36 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	193 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	109 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000		3	0	201 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	1128 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	20,0000	C	EUR	3,5700	3,5700	3,4800	2	3,4800	3,5300		4	6	257 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900		1	0	131 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100		4	0	171 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	22,0000	C	EUR	0,9700	0,9700	0,9700	1	0,9700	0,9400		1	12	225 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	423 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	23,0000	C	EUR	0,7700	0,7900	0,7600	3	0,7600	0,7300		1	29	256 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7400		6	0	124 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	24,0000	C	EUR	0,5900	0,5900	0,5700	2	0,5700	0,5700		1	40	150 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5800		7	0	334 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	25,0000	C	EUR	0,5500	0,5500	0,5500	3	0,5500	0,4400		0	7	174 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4800		7	0	227 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	40 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3800		8	0	277 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	30 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3300		9	0	169 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	28,0000	C	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2100		0	5	41 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2500		10	0	21 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	49 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2300		11	0	32 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	296 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1800		12	0	109 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	84 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1000		17	0	61 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018
O	MT	Arcelor Mittal	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1000		22	0	221 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	2,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8000		16	0	686 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	2,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	100 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	4,6500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4900		13	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	4,6500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	5,8200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3300		12	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	5,8200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	3 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1500		12	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	6,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2000		11	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	6,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	256 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	8,1300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1000		10	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	8,1300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	289 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2500		9	0	4 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	228 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0000		9	0	2 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	171 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	10,4700	C	EUR	8,0500	8,0500	8,0500	1	8,0500	7,9700		8	4	222 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	10,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	233 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	11,6400	C	EUR	6,9500	6,9500	6,9500	1	6,9500	6,9700		7	4	388 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	11,6400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	367 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700		7	0	159 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	154 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	13,9500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1200		5	0	25 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	13,9500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	1063 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4200		4	0	85 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	3816 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	16,2900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6200		4	0	28 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	16,2900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	278 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	64 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	359 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	17,0000	C	EUR	3,2600	3,2600	3,2600	2	3,2600	3,2100		3	12	25 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	14 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	18,0000	C	EUR	2,7600	2,7600	2,7600	1	2,7600	2,7100		3	14	841 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200		3	0	2947 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	18,6000	C	EUR	2,5000	2,5000	2,4500	3	2,4500	2,4400		2	18	686 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500		3	0	1454 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2700		2	0	0 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2800		3	0	6 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	20,0000	C	EUR	1,9500	1,9500	1,9500	1	1,9500	1,8800		2	3	420 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	1952 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	20,9400	C	EUR	1,5400	1,5400	1,5400	1	1,5400	1,5700		2	2	515 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	20,9400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300		5	0	446 31-12-2018
O	MT	Arcelor Mittal	20-12-2019	22,0000	C	EUR	1,32									

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	MT	Arcelor Mittal	20-12-2019	27,0000	C	EUR	0,4800	0,4800	0,4800	1	0,4800	0,4600	0	20	1594	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5300	0	0	853	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	716	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4300	0	0	311	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	30,0000	C	EUR	0,2800	0,2800	0,2700	2	0,2700	0,2600	0	3	1274	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3300	0	0	2150	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	34,8900	C	EUR	0,1300	0,1400	0,1300	2	0,1400	0,1200	0	15	1359	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	34,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1000	0	0	420	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	1357	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1500	0	0	125	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	46,5300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	1364	31-12-2018
O	MT	Arcelor Mittal	20-12-2019	46,5300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,7000	0	0	161	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7700	5	0	0	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	108	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900	4	0	11	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3100	2	0	10	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1700	3	0	9	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	18,0000	P	EUR	3,2500	3,2500	3,2500	1	3,2500	3,3200	3	5	12	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800	2	0	126	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600	5	0	70	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600	2	0	10	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9600	6	0	169	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	24,0000	C	EUR	1,2800	1,2800	1,2800	1	1,2800	1,2900	1	5	248	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4800	7	0	43	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	299	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1800	9	0	67	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800	1	0	278	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9300	11	0	105	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	1050	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7800	13	0	63	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	1058	31-12-2018
O	MT	Arcelor Mittal	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4300	22	0	50	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	2,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8000	16	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	2,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	4,6500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4900	13	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	4,6500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	5,8200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3200	12	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	5,8200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1500	12	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	6,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1900	11	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	6,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	64	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	8,1300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1500	10	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	8,1300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	100	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200	9	0	1	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	18	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	10,4700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1700	8	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	10,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	66	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	11,6400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2700	7	0	35	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	11,6400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	104	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0000	7	0	67	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	70	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	13,9500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6700	6	0	68	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	13,9500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	239	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0900	5	0	34	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	438	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5000	5	0	3	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800	3	0	0	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400	4	0	80	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7600	4	0	147	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	18,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900	3	0	121	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100	4	0	238	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600	3	0	143	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100	5	0	1534	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4500	2	0	180	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900	6	0	144	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500	2	0	672	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3900	6	0	414	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	23,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	108	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	23,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400	7	0	62	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500	1	0	617	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7100	9	0	599	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	26,0000	C	EUR	1,2500	1,3000	1,2500	2	1,3000	1,2600	1	6	294	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5600	10	0	59	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	499	31-12-2018
O	MT	Arcelor Mittal	18-12-2020	27,0000	P	EUR	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	MT	Arcelor Mittal	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6000		23	0	1223 31-12-2018
O	MT	Arcelor Mittal	18-12-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	415 31-12-2018
O	MT	Arcelor Mittal	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5300		28	0	324 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7200		9	0	34 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000		1	0	60 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700		6	0	543 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100		3	0	619 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200		5	0	1 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200		3	0	0 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1400		4	0	85 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600		5	0	228 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3700		3	0	112 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400		6	0	264 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600		3	0	172 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400		7	0	107 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	22,0000	C	EUR	2,7000	2,8000	2,7000	4	2,7700	2,7800		3	6	725 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2400		7	0	615 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600		2	0	900 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7400		9	0	104 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400		2	0	164 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5400		10	0	135 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	26,0000	C	EUR	1,9200	1,9200	1,9000	4	1,9000	1,8500		2	5	140 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3600		10	0	68 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700		2	0	171 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1800		11	0	99 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	222 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0100		12	0	128 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	400 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	30,0000	P	EUR	13,7500	13,7500	13,7500	1	13,7500	13,7600		14	3	1630 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	281 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,1000		23	0	262 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	455 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9500		28	0	162 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	308 31-12-2018
O	MT	Arcelor Mittal	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,8800		33	0	102 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9000		9	0	45 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300		1	0	5063 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	15,0000	C	EUR	5,9500	6,0500	5,9000	4	6,0500	5,8900		6	6	373 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4700		3	0	427 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	18,0000	C	EUR	4,6800	4,6800	4,5800	8	4,6100	4,5600		5	51	57 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	18,0000	P	EUR	5,1500	5,1500	5,1400	2	5,1400	5,1900		5	45	52 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	619 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	20,0000	P	EUR	6,5500	6,5500	6,5500	1	6,5500	6,5400		7	1	2706 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400		3	0	226 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9600		8	0	223 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100		3	0	285 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4400		9	0	398 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200		2	0	512 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0400		11	0	403 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500		2	0	269 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6800		13	0	449 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	30,0000	C	EUR	1,7100	1,7400	1,7100	3	1,7400	1,6500		2	3	679 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3800		14	0	370 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	2234 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6100		24	0	1855 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	285 31-12-2018
O	MT	Arcelor Mittal	16-12-2022	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,2500		33	0	356 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	1 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	3 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200		6	0	0 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0500		4	0	2 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0500		5	0	0 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8200		6	0	16 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000		4	0	0 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	20,0000	P	EUR	7,1000	7,1000	7,1000	1	7,1000	7,2400		7	1	5 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9600		3	0	6 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9400		11	0	2 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100		2	0	0 31-12-2018
O	MT	Arcelor Mittal	15-12-2023	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3600		15	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,1364		18	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,1313		18	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,1278		18	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9618		18	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9497		18	0	0 31-12-2018
F	MT6	ArcelorMittal - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9393		18	0	0 31-12-2018
F	MT8	ArcelorMittal - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0 31-12-2018
F	MT8	ArcelorMittal - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0 31-1

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open interest	Open Interest Date
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900	2	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600	2	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300	3	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	1	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1000	4	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300	5	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9700	6	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9500	7	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9000	8	0	10	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9000	9	0	0	31-12-2018
O	MT9	ArcelorMittal - European Stock Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018</

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	MTO	ARCELORMITTAL OLD	20-12-2019	18,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400		2	0	7165 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500		3	0	1610 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	20,9400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	1644 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	20,9400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300		5	0	879 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	23,2500	C	EUR	0,9700	0,9700	0,9700	1	0,9700	0,9900		1	1	5351 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	23,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2800		6	0	1717 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	34,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	1759 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	34,8900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1000		17	0	1306 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	46,5300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	1273 31-12-2018
O	MTO	ARCELORMITTAL OLD	20-12-2019	46,5300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,7000		29	0	918 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	2,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8000		16	0	14 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	2,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	198 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	4,6500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4900		13	0	53 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	4,6500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1615 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	5,8200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3200		12	0	2 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	5,8200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	216 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	6,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1900		11	0	196 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	6,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	557 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	8,1300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1500		10	0	65 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	8,1300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	544 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	515 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	353 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	10,4700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1700		8	0	130 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	10,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	105 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	11,6400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2700		7	0	633 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	11,6400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	206 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	13,9500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6700		6	0	2093 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	13,9500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	1145 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	18,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	755 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100		4	0	33 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	23,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200		2	0	1075 31-12-2018
O	MTO	ARCELORMITTAL OLD	18-12-2020	23,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400		7	0	282 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	2,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8000		16	0	0 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	2,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3876 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	4,6500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4900		13	0	51 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	4,6500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	6956 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	5,8200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3300		12	0	0 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	5,8200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	2 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1500		12	0	0 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	240 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	6,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2000		11	0	138 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	6,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	21965 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	8,1300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1000		10	0	17 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	8,1300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	439 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2500		9	0	0 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0000		9	0	765 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	26784 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	10,4700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	79 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	10,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	135 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	11,6400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700		7	0	1965 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	11,6400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	9101 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700		7	0	20 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	325 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	13,9500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1200		5	0	2752 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	13,9500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	6434 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4200		4	0	196 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	614 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	16,2900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6200		4	0	1003 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	16,2900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	1046 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	160 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	211 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100		3	0	285 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7200		3	0	588 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	18,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400		2	0	7782 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500		3	0	1965 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	20,9400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	2388 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	20,9400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300		5	0	1283 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	23,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	6082 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	23,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2800		6	0	1934 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	1029 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5300		10	0	225 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	897 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3300		12	0	250 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	34,8900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	5482 31-12-2018
O	MTX	ArcelorMittal - OLD	20-12-2019	34,8900	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	MTX	ArcelorMittal - OLD	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	39	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	6,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1900	11	0	88	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	6,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	693	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	8,1300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1500	10	0	77	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	8,1300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	575	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4000	9	0	0	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	71	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	9,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200	9	0	567	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	9,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	392	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	10,4700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1700	8	0	116	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	10,4700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	64	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	11,6400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2700	7	0	1910	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	11,6400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	919	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0000	7	0	25	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500	1	0	106	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	13,9500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6700	6	0	2167	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	13,9500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	1396	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0900	5	0	1476	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2500	2	0	727	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400	4	0	104	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7600	4	0	317	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	18,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900	3	0	1729	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	18,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1100	4	0	822	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4500	2	0	590	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900	6	0	1100	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	23,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	1711	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	23,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3400	7	0	1284	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100	1	0	836	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3800	10	0	219	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	1480	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0600	13	0	309	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	1755	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,7000	19	0	134	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	488	31-12-2018
O	MTX	ArcelorMittal - OLD	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5300	28	0	373	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700	6	0	398	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100	3	0	315	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1400	4	0	338	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600	5	0	465	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	626	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400	7	0	425	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600	2	0	1385	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7400	9	0	362	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	53	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1800	11	0	137	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	651	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7600	14	0	133	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	1006	31-12-2018
O	MTX	ArcelorMittal - OLD	17-12-2021	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9500	28	0	704	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	158,3685	158	0	0	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	158,3241	158	0	0	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	158,2939	158	0	0	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	155,5553	156	0	0	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	155,4501	155	0	0	31-12-2018
F	MU6	MTU Aero Engines AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	155,3603	155	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	MV8	Banca Mediolanum - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	0	31-12-2018
F	MV8	Mediaset Espana Comunicacion - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
F	MV8	Mediaset Espana Comunicacion - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
F	MV8	Mediaset Espana Comunicacion - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
F	MV8	Mediaset Espana Comunicacion - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
F	MV8	Mediaset Espana Comunicacion - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8181,9811	8182	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8179,1566	8179	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8176,7002	8177	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8010,3979	8010	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8007,5341	8008	0	0	31-12-2018
F	MX6	AP Moller - Maersk B - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	8004,3874	8004	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	MY8	Bolsas y Mercados Espanoles - Dividend Future	15-12-202													

Instrument Type*	Instrument Trading Symbol	Instrument 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	NA8	Novartis - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	31-12-2018
F	NA8	Novartis - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,5596		75	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,5498		75	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,5517		75	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,5111		75	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,4872		74	0	31-12-2018
F	ND6	Nordea Bank Abp - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	74,4790		74	0	31-12-2018
F	ND8	Nordea Bank Abp - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6650		1	208	31-12-2018
F	ND8	Nordea Bank Abp - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	548	31-12-2018
F	ND8	Nordea Bank Abp - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6250		1	313	31-12-2018
F	ND8	Nordea Bank Abp - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	31-12-2018
F	ND8	Nordea Bank Abp - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	31-12-2018
F	NG6	National Grid - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	764,4800		764	0	31-12-2018
F	NG6	National Grid - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	764,9700		765	0	31-12-2018
F	NG6	National Grid - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	765,6200		766	0	31-12-2018
F	NG6	National Grid - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	767,5600		768	0	31-12-2018
F	NG6	National Grid - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	769,4900		769	0	31-12-2018
F	NG6	National Grid - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	771,5000		772	0	31-12-2018
F	NG8	National Grid - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	42,1100		42	0	31-12-2018
F	NG8	National Grid - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	45,8200		46	0	31-12-2018
F	NG8	National Grid - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	45,8200		46	0	31-12-2018
F	NG8	National Grid - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	45,8200		46	0	31-12-2018
F	NG8	National Grid - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	45,8200		46	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	18-1-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	39,2364		39	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	15-2-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	39,2698		39	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	39,3146		39	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	37,7158		38	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	37,8898		38	0	31-12-2018
F	NH6	Norsk Hydro - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	38,0552		38	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	6,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	2	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	2	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	8	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	10	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	6	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	19	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	1	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	135	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	51	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	190	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	44	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	131	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	35	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	259	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	200	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	26	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,000							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	NIB	NIBC Holding - Stock Option	15-3-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	NIB	NIBC Holding - Stock Option	15-3-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	126,3155	126	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	126,2988	126	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	126,3020	126	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	121,7345	122	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	121,6958	122	0	0	31-12-2018
F	NK6	Sandvik - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	121,6829	122	0	0	31-12-2018
F	NL6	Nestle - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	79,7653	80	0	0	31-12-2018
F	NL6	Nestle - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	79,7412	80	0	0	31-12-2018
F	NL6	Nestle - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	79,7119	80	0	0	31-12-2018
F	NL6	Nestle - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	77,1772	77	0	0	31-12-2018
F	NL6	Nestle - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	77,1070	77	0	0	31-12-2018
F	NL6	Nestle - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	77,0205	77	0	0	31-12-2018
F	NL8	Nestle - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
F	NL8	Nestle - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,4500	2	0	0	31-12-2018
F	NL8	Nestle - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
F	NL8	Nestle - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
F	NL8	Nestle - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8500	5	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	25	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800	4	36	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	302	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500	3	0	11	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	152	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	32,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000	3	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	32,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	600	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	20	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	7	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	33,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	1	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	33,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	50	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000	1	0	24	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	34,0000	P	EUR	0,6000	0,6000	0,5600	2	0,5600	0,5100	1	8	135	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	71	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	34,5000	P	EUR	0,8200	0,8200	0,7000	2	0,7000	0,6800	1	6	77	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	78	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	23	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	35,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	99	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	35,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	52	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	36,0000	C	EUR	0,2600	0,3100	0,2600	2	0,3100	0,3400	0	5	44	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	102	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	36,5000	C	EUR	0,1600	0,1600	0,1600	1	0,1600	0,2100	0	1	7	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	36,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	86	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	18	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400	2	0	41	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	37,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	4	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	37,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	24	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	90	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600	3	0	63	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	38,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	21	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	38,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7400	4	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	160	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2300	4	0	8	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	39,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	17	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	39,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200	5	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	25	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2400	5	0	3	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2400	6	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	21	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2400	7	0	20	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	NN	NN Group NV - Stnd Option	18-1-2019	44,0000	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	NN	NN Group NV - Std Option	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	100	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2800	3	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	234	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	32,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900	3	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	32,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	50	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	17	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	33,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600	2	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	33,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	8	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	245	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	5	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	2	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	95	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900	1	0	84	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	35,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	10	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	35,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600	2	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	36,0000	C	EUR	0,8300	0,8500	0,8300	12	0,8500	0,8600	1	215	15685	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	203	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	37,0000	C	EUR	0,4500	0,4700	0,4500	3	0,4700	0,5300	1	4	116	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500	3	0	8	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	76	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300	4	0	35	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	123	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	25	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	15	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3500	5	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2900	7	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2400	9	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2400	11	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9100	9	0	13	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	26	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800	7	0	17	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	83	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	29,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	6,0500	6	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1200	5	0	21	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	313	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500	3	0	54	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700	1	0	79	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100	3	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	100	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600	2	0	239	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	1396	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7300	2	0	0	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	36,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0600	1	1	847	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800	2	0	2193	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	38,0000	C	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4600	0	1	664	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	467	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	1073	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4000	5	0	410	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	42,0000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0700	0	2	240	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2900	7	0	105	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	48	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2400	10	0	259	31-12-2018
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	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2400	15	0	23	31-12-2018
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	31-12-2018
O	NN	NN Group NV - Std Option	15-3-2019	55,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	20,7400	20	0	0	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8800	11	0	25	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	27	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600	9	0	13	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	40	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000	7	0	1	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	102	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400	5	0	40	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	830	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	32,0000	C	EUR	3,7200	3,7200	3,7200	1	3,7200	3,8100	4	1	266	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	32,0000	P	EUR	1,5800	1,5800	1,5800	1	1,5800	1,5100	2	1	5169	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100	3	0	190	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800	2	0	1427	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	36,0000	C	EUR	1,4100	1,5500	1,4100	2	1,5500	1,5400	2	3	443	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	365	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700	1	0	613	

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	0,0100	0	0	50	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3400	16	0	7	31-12-2018
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	31-12-2018
O	NN	NN Group NV - Std Option	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3400	21	0	40	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9600	9	0	61	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	5	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000	7	0	51	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	65	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4000	5	0	16	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	30,0000	P	EUR	1,4800	1,4800	1,4800	1	1,4800	1,4200	1	2	110	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800	4	0	15	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500	2	0	18	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600	3	0	93	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1200	3	0	95	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	36,0000	C	EUR	1,6100	1,6100	1,6100	1	1,6100	1,7100	2	2	114	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	36,0000	P	EUR	4,3600	4,3600	4,3600	1	4,3600	4,3700	4	2	143	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	177	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	38,0000	P	EUR	5,8500	5,8500	5,8500	2	5,8500	5,8100	6	2	81	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	98	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4600	7	0	61	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	42,0000	C	EUR	0,3300	0,3300	0,3300	1	0,3300	0,3300	0	2	822	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2500	9	0	283	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	24	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0900	12	0	12	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0200	17	0	20	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	30	31-12-2018
O	NN	NN Group NV - Std Option	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,0100	22	0	20	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	26,0000	C	EUR	8,7000	8,9000	8,7000	5	8,9000	8,9500	9	125	125	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	10	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500	7	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300	1	0	2	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4400	5	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000	2	0	9	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	52	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	3	0	2	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800	2	0	1	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	36,0000	P	EUR	4,7500	4,7500	4,7500	1	4,7500	4,7000	5	1	1	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	40,0000	C	EUR	0,7100	0,7100	0,7100	1	0,7100	0,7700	1	10	9	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800	8	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1900	12	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	NN	NN Group NV - Std Option	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0700	17	0	0	31-12-2018
F	NN6	NN Group - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,7931	35	0	0	31-12-2018
F	NN6	NN Group - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,7833	35	0	0	31-12-2018
F	NN6	NN Group - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,7767	35	0	0	31-12-2018
F	NN6	NN Group - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,7661	34	0	0	31-12-2018
F	NN6	NN Group - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,0435	33	0	0	31-12-2018
F	NN6	NN Group - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,0245	33	0	0	31-12-2018
F	NN8	NN Group - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,7300	2	0	0	31-12-2018
F	NN8	NN Group - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	0	31-12-2018
F	NN8	NN Group - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200	2	0	0	31-12-2018
F	NN8	NN Group - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900	2	0	0	31-12-2018
F	NN8	NN Group - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900	2	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	5,0290	5	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	5,0276	5	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	5,0266	5	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8222	5	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8190	5	0	0	31-12-2018
F	NO6	Nokia OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8162	5	0	0	31-12-2018
F	NO8	Nokia - Dividend	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
F	NO8	Nokia - Dividend	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
F	NO8	Nokia - Dividend	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
F	NO8	Nokia - Dividend	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
F	NO8	Nokia - Dividend	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,8147	27	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,8071	27	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,8020	27	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,1793	25	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,1624	25	0	0	31-12-2018
F	NR6	Nokian Renkaat OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,1479	25	0	0	31-12-2018
F	NS6	Neste Oyj - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,3466	67	0	0	31-12-2018
F	NS6	Neste Oyj - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,3277	67	0	0	31-12-2018
F	NS6	Neste Oyj - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	67,3149	67	0	0	31-12-2018
F	NS6	Neste Oyj - Stock Future	21-6-2019	0,0000		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	NSI	NSI NV Strnd Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600		2	5	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9900		7	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9200		12	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018	
O	NSI	NSI NV Strnd Option	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9300		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,3616		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,3567		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,0834		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,0683		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,0567		17	0	31-12-2018	
F	NT6	Infinion Technologies AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,0469		17	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	290,8282		291	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	290,7278		291	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	285,6406		286	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	285,4258		285	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	285,3235		285	0	31-12-2018	
F	NV6	Novozymes B - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	285,2112		285	0	31-12-2018	
F	OC6	OCI NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,8011		18	0	31-12-2018	
F	OC6	OCI NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,7857		18	0	31-12-2018	
F	OC6	OCI NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,7692		18	0	31-12-2018	
F	OC6	OCI NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,7153		18	0	31-12-2018	
F	OC6	OCI NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,6681		18	0	31-12-2018	
F	OC6	OCI NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,6227		18	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8500		4	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	5	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	15,0000	C	EUR	2,9000	2,9000	2,9000	1	2,9000	2,9200		3	2	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	12	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200		2	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	25	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	1	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	60	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	2	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	18,0000	C	EUR	0,4700	0,6000	0,4700	2	0,6000	0,6400		1	36	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	59	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	5	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	3	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	19,0000	C	EUR	0,2400	0,2400	0,2400	1	0,2400	0,2900		0	1	42	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900		1	0	35	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	19,5000	C	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1900		0	3	6	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	53	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200		2	0	150	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7800		3	0	1	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	48	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2400		3	0	18	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	25	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300		4	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	7	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100		4	0	213	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	6	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7100		5	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	4	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	10	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7000		6	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	61	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2000		6	0	22	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	5	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	24,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7000		7	0	1	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	25	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2000		7	0	1	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000		8	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	5	31-12-2018	
O	OCI	OCI NV STND OPT	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2000		8	0	1	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	26,5000	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	OCI	OCI NV STND OPT	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2000	11	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2000	12	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0100	4	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1200	3	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	42	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	16,5000	P	EUR	0,6500	0,6500	0,6500	2	0,6500	0,6300	1	2	2	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	1	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200	1	0	2	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300	1	0	43	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	5	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	12	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600	2	0	49	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	22	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300	3	0	2	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500	3	0	4	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	54	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4800	3	0	1	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	7	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	1	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8900	5	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	23,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	5,3700	5	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8500	6	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	43	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3300	6	0	2	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3200	7	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3100	8	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3000	9	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9300	8	0	1	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300	6	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1700	4	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000	3	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	37	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	16,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	16,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	17,5000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	3	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100	1	0	14	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5400	2	0	62	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900	1	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8200	2	0	0	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	19,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	0,9000	1	1	7	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300	2	0	6	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	70	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8700	3	0	66	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	14	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7100	4	0	6	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	65	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5800	5	0	94	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	40	31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4900	5	0	20	31-1

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	OCI	OCI NV STND OPT	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3300		9	0	21 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	182 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3000		10	0	254 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	101 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2800		11	0	36 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	88 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2700		12	0	92 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	81 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2500		14	0	286 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2500		17	0	55 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,2500		22	0	0 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2500		27	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0100		8	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700		6	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4900		4	0	30 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	3 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100		3	0	32 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	111 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	11 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	16 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	18,0000	C	EUR	1,9000	1,9000	1,9000	2	1,9000	1,8600		2	13	59 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400		2	0	115 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	36 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300		3	0	11 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	52 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	20,0000	P	EUR	3,7000	3,7000	3,7000	1	3,7000	3,4100		3	3	64 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800		1	0	169 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1700		4	0	13 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	58 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9900		5	0	47 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	50 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400		6	0	185 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	99 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0	36 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	54 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6700		8	0	57 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	26 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200		9	0	11 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	133 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5700		10	0	7 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	55 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5500		11	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	5 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5200		12	0	5 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	14 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5100		13	0	24 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	77 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4800		17	0	2 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	11 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4700		22	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4600		27	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1400		8	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3600		6	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7700		5	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	95 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3700		3	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	25 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100		3	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	17,0000	P	EUR	2,2000	2,2000	2,2000	1	2,2000	2,1200		2	3	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	18,0000	C	EUR	2,3400	2,3400	2,3400	2	2,3400	2,2900		2	30	30 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	18,0000	P	EUR	2,5400	2,5400	2,5400	2	2,5400	2,6200		3	30	30 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8600		2	0	2 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	19,0000	P	EUR	3,3500	3,3500	3,3500	1	3,3500	3,1900		3	1	1 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	20,0000	C	EUR	1,5000	1,5000	1,5000	1	1,5000	1,5800		2	1	11 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600		5	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	0 31-12-2018
O	OCI	OCI NV STND OPT	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1300		7	0	0 31-12-2018
F	OH6	Obracon Huarte Lain SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0								

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	OI6	Equinor - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	182,2186	182	0	0	31-12-2018
F	OI6	Equinor - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	180,9505	181	0	0	31-12-2018
F	OI6	Equinor - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	179,6598	180	0	0	31-12-2018
F	OI6	Equinor - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	178,3209	178	0	0	31-12-2018
F	OI8	Equinor - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8804	1	0	0	31-12-2018
F	OI8	Equinor - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8804	1	0	0	31-12-2018
F	OI8	Equinor - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8804	1	0	0	31-12-2018
F	OI8	Equinor - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8804	1	0	0	31-12-2018
F	OI8	Equinor - Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8804	1	0	0	31-12-2018
F	OK6	Orkla - Stock Future	18-1-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	68,0859	68	0	0	31-12-2018
F	OK6	Orkla - Stock Future	15-2-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	68,1438	68	0	0	31-12-2018
F	OK6	Orkla - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	68,2216	68	0	0	31-12-2018
F	OK6	Orkla - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	65,6830	66	0	0	31-12-2018
F	OK6	Orkla - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	65,9858	66	0	0	31-12-2018
F	OK6	Orkla - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	66,2737	66	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,2424	38	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,2317	38	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,2244	38	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,5910	37	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,5663	37	0	0	31-12-2018
F	OM6	OMV AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	36,5453	37	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	120,7260	121	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	120,6921	121	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	120,6691	121	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	116,0644	116	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	115,9861	116	0	0	31-12-2018
F	ON6	Continental AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	115,9193	116	0	0	31-12-2018
F	ON8	Continental - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8000	5	0	6	31-12-2018
F	ON8	Continental - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
F	ON8	Continental - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
F	ON8	Continental - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
F	ON8	Continental - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,0000	4	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	160,5301	161	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	160,4816	160	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	160,4226	160	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	157,2464	157	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	157,1033	157	0	0	31-12-2018
F	OO6	Sonova Holding - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	156,9271	157	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	495	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	36	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	44	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	50	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	1	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	341	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	3	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	50	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	11	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	132	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	8	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	18-1-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	5	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	50	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	55	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	302	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	500	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	680	31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	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	ORD	ORDINA N.V.	15-2-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	10 31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-2-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	5 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	0 31-12-2018
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 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	31 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	15 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	12 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	30 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	16 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	550 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	401 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	752 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1354 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	1513 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1915 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	4906 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2129 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	1552 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	4428 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	35 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	22 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	106 31-12-2018
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 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800		2	0	20 31-12-2018
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 31-12-2018
O	ORD	ORDINA N.V.	15-3-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	274 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	101 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	56 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	441 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	1081 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	1680 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	554 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,6000	P	EUR	0,3000	0,3000	0,3000	1	0,3000	0,3000		0	1	6176 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,8000	C	EUR	0,0400	0,0400	0,0400	1	0,0400	0,0300		0	4	317 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	3880 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	311 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	228 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	2 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	1 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	21-6-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	8 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	15 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	10 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	3 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	10 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1300		1	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	ORD	ORDINA N.V.	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	OS8	Tod's - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	0 31-12-2018
F	OU6	Outotec OYJ - Stock Future	18-1-2019	0,0000		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
F	OV6	Novo Nordisk B - Stock Future	15-2-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	297,7237	298	0	0	31-12-2018
F	OV6	Novo Nordisk B - Stock Future	15-3-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	297,6343	298	0	0	31-12-2018
F	OV6	Novo Nordisk B - Stock Future	21-6-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	292,3140	292	0	0	31-12-2018
F	OV6	Novo Nordisk B - Stock Future	20-9-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	289,2100	289	0	0	31-12-2018
F	OV6	Novo Nordisk B - Stock Future	20-12-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	289,0968	289	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	18-1-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	158,1068	158	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	15-2-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	158,0859	158	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	15-3-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	158,0899	158	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	21-6-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	154,4050	154	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	154,3556	154	0	0	31-12-2018
F	OY6	Assa Abloy B - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	154,3391	154	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	51,6397	52	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	51,6153	52	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	51,6054	52	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	49,5604	50	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	49,5270	50	0	0	31-12-2018
F	PA6	Porsche Automobil Holding SE - PREF - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	49,4984	49	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	18-1-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	210,4425	210	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	15-2-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	210,4147	210	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	15-3-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	210,4201	210	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	21-6-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	207,1064	207	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	207,0401	207	0	0	31-12-2018
F	PC6	Atlas Copco A - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	203,8184	204	0	0	31-12-2018
F	PD6	Prudential - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1405,1000	1405	0	0	31-12-2018
F	PD6	Prudential - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1406,0000	1406	0	0	31-12-2018
F	PD6	Prudential - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1407,2100	1407	0	0	31-12-2018
F	PD6	Prudential - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1372,6900	1373	0	0	31-12-2018
F	PD6	Prudential - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1358,1300	1358	0	0	31-12-2018
F	PD6	Prudential - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1361,6700	1362	0	0	31-12-2018
F	PD8	Prudential - Dividend Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	45,6100	46	0	0	31-12-2018
F	PD8	Prudential - Dividend Future	18-12-2020	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	45,7000	46	0	0	31-12-2018
F	PD8	Prudential - Dividend Future	17-12-2021	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	45,7000	46	0	0	31-12-2018
F	PD8	Prudential - Dividend Future	16-12-2022	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	45,7000	46	0	0	31-12-2018
F	PD8	Prudential - Dividend Future	15-12-2023	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	45,7000	46	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	478,7900	479	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	479,1000	479	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	479,5100	480	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	461,4200	461	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	452,7800	453	0	0	31-12-2018
F	PF6	Petrofac - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	453,9600	454	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,9239	31	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,9152	31	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,9093	31	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,1722	30	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,1518	30	0	0	31-12-2018
F	PH6	Philips NV Koninklijke - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	30,1344	30	0	0	31-12-2018
F	PH8	Philips Koninklijke - Dividend Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	0	31-12-2018
F	PH8	Philips Koninklijke - Dividend Future	18-12-2020	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	0	31-12-2018
F	PH8	Philips Koninklijke - Dividend Future	17-12-2021	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
F	PH8	Philips Koninklijke - Dividend Future	16-12-2022	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
F	PH8	Philips Koninklijke - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9700	7	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800	5	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0600	3	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1700	2	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600	2	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700	1	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	PH9	Philips NV Koninklijke - European Stock Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1300	3	0	0	31-12-2018
O	PH9															

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	PHA	Pharming Group - Std Option	18-1-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	174	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	330	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	102	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	10	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	110	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	43	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	1	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	20	31-12-2018
O	PHA	Pharming Group - Std Option	18-1-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	8	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	144	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	49	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	104	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,8000	C	EUR	0,0500	0,0700	0,0500	2	0,0700	0,0600	0	4	524	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	171	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	65	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	110	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	40	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-2-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	2	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,6000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2100	0	30	31	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,7000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1300	0	3	38	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,8000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0800	0	50	50	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,8000	P	EUR	0,1000	0,1000	0,1000	1	0,1000	0,1200	0	10	10	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,0000	C	EUR	0,0400	0,0400	0,0400	1	0,0400	0,0400	0	1	1	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PHA	Pharming Group - Std Option	15-3-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	0	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9500	7	0	69	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	106	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800	5	0	0	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	150	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	24	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	239	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700	3	0	190	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	28,0000	P	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1500	0	1	546	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800	2	0	20	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	317	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600	2	0	0	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	29,5000	P	EUR	0,3500	0,3500	0,3200	3	0,3200	0,3400	0	30	134	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	30,0000	C	EUR	1,4300	1,4300	1,4300	1	1,4300	1,3700	1	1	573	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	30,0000	P	EUR	0,4500	0,4900	0,4000	13	0,4500	0,4500	0	94	332	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	30,5000	C	EUR	1,1900	1,1900	1,1900	1	1,1900	1,0300	1	13	60	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	30,5000	P	EUR	0,6500	0,6500	0,5400	4	0,5900	0,6100	1	65	155	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	31,0000	C	EUR	0,7500	0,8000	0,7300	4	0,8000	0,7400	1	24	716	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	31,0000	P	EUR	0,7300	0,8000	0,7300	2	0,8000	0,8200	1	16	699	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	31,5000	C	EUR	0,4900	0,4900	0,4800	2	0,4800	0,5100	1	12	161	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	31,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	288	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	32,0000	C	EUR	0,3500	0,3900	0,3500	6	0,3600	0,3300	0	54	695	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	32,0000	P	EUR	1,2500	1,3000	1,2500	2	1,3000	1,4100	1	3	702	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	32,5000	C	EUR	0,2500	0,2500	0,2400	3	0,2400	0,2000	0	11	71	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	32,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900	2	0	53	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	33,0000	C	EUR	0,1200	0,1500	0,1200	2	0,1500	0,1200	0	6	755	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2000	2	0	389	31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	33,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	12	31-12-2018
O	PHI															

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	PHI	Philips NV Koninklijke	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0800		7	0	116 31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0800		9	0	10 31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0800		11	0	1 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2400		4	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	55	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	204	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	5 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		0	312	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300		2	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	41 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	30,0000	C	EUR	1,9200	2,0400	1,9000	8	1,9000	1,8900		2	12	232 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	262 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	145 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	31,0000	P	EUR	1,4000	1,4000	1,4000	1	1,4000	1,3900		1	1	501 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	32,0000	C	EUR	0,8500	0,8500	0,8500	5	0,8500	0,8500		1	34	298 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300		2	0	359 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	443 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100		3	0	203 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	34,0000	C	EUR	0,3000	0,3500	0,3000	3	0,3500	0,3000		0	8	571 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	113 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	35,0000	C	EUR	0,2000	0,2000	0,2000	2	0,2000	0,1800		0	10	226 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2600		4	0	24 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	508	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	48 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	2 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1500		7	0	13 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1000		9	0	1 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0600		7	0	218 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	216 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2800		5	0	116 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	356 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4200		4	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	158 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	28,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	3,6000		4	0	86 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	1621 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	51 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	674 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	19 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800		2	0	919 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600		1	0	1816 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	31,0000	C	EUR	1,6200	1,6200	1,6200	2	1,6200	1,6000		2	20	54 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	178 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	32,0000	C	EUR	1,2400	1,2400	1,2400	1	1,2400	1,1400		1	14	942 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300		2	0	2190 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	34,0000	C	EUR	0,5500	0,5600	0,5300	5	0,5300	0,5100		1	67	1807 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6000		4	0	1936 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	36,0000	C	EUR	0,2300	0,2300	0,2300	1	0,2300	0,2100		0	3	2442 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3200		5	0	636 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	38,0000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0900		0	2	1487 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2000		7	0	1667 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	40,0000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0400		0	5	8897 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1500		9	0	396 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	820 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1500		11	0	21 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	369 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1200		14	0	140 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	104 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	50,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	15,1300		19	0	248 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,1400		24	0	30 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1000		9	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	83 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2500		7	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	65 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3800		6	0	127 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		0	0	1264 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100		6	0	109 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	267 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500		4	0	158 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	28,0000	P	EUR	1,4800	1,4800	1,4800	1	1,4800	1,4700		1	1	2820 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600		3	0	6 31-12-2018
O	PHI	Philips NV Koninklijke														

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	797 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3700		6	0	362 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	38,0000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,2900		0	1	861 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1400		8	0	1165 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	2121 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0500		10	0	240 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	208 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0000		12	0	141 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	501 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9400		15	0	496 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	335 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,9300		20	0	440 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9300		25	0	434 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1800		9	0	218 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	85 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3800		7	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	42 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7100		6	0	20 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	455 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2200		4	0	54 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	131 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5600		4	0	117 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	35 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700		3	0	361 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	30,0000	P	EUR	2,7100	2,7100	2,7100	1	2,7100	2,7500		3	5	111 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	223 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8300		4	0	134 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	34,0000	C	EUR	1,3600	1,3700	1,3600	2	1,3700	1,2900		1	50	246 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	116 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	35,0000	C	EUR	0,9700	0,9700	0,9700	2	0,9700	1,0200		1	5	201 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9200		6	0	133 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	609 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	36,0000	P	EUR	6,6100	6,6100	6,6100	1	6,6100	6,7200		7	5	316 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	289 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4200		8	0	311 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	211 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2400		10	0	65 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	187 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1500		12	0	32 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	164 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0500		15	0	142 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,0000		20	0	156 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9700		25	0	377 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9300		21	0	23 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	285 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9500		16	0	20 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	773 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1300		11	0	117 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	20,0000	P	EUR	0,4800	0,4800	0,4800	1	0,4800	0,5000		1	1	1836 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2800		9	0	53 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	22,0000	P	EUR	0,7500	0,7500	0,7500	1	0,7500	0,7500		1	1	6909 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5300		8	0	277 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	8813 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7100		7	0	76 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400		1	0	1909 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9300		6	0	380 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	1491 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5000		5	0	2025 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	1771 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800		4	0	64 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	29,0000	P	EUR	2,6300	2,6300	2,6300	1	2,6300	2,7000		3	2	14 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	30,0000	C	EUR	3,3300	3,3300	3,3300	1	3,3300	3,3200		3	20	1713 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	30,0000	P	EUR	3,1000	3,1000	3,1000	1	3,1000	3,1600		3	3	4718 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600		2	0	1141 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	32,0000	P	EUR	4,1600	4,1900	4,1600	2	4,1900	4,2600		4	18	109 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5600		6	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	35,0000	C	EUR	1,3400	1,3800	1,3400	3	1,3800	1,3500		1	13	7249 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	35,0000	P	EUR	6,1500	6,2500	6,1500	3	6,2500	6,2900		6	14	4122 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	2657 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4700		10	0	391 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	408 31-12-2018
O	PHI	Philips NV Koninklijke	20-12-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,				

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	PHI	Philips NV Koninklijke	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0500		4	0	205 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	35,0000	C	EUR	1,8100	1,8100	1,8100	1	1,8100	1,7700		2	9	106 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3100		7	0	64 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	118 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4400		11	0	26 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	45,0000	C	EUR	0,3800	0,3800	0,3800	2	0,3800	0,3700		0	11	56 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1000		16	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	23 31-12-2018
O	PHI	Philips NV Koninklijke	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9500		21	0	4 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9300		0	0	1 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	150 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9500		16	0	3 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	164 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1500		11	0	94 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	2371 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3800		9	0	47 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500		1	0	1236 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100		8	0	62 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	667 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9600		7	0	80 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	2073 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2600		6	0	292 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	1106 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100		5	0	443 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	276 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	30,0000	C	EUR	3,9500	3,9500	3,9500	1	3,9500	3,9200		4	10	1114 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600		4	0	354 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0600		2	0	347 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100		8	0	346 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	603 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7700		12	0	293 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	90 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2900		16	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	311 31-12-2018
O	PHI	Philips NV Koninklijke	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0700		21	0	195 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9500		16	0	36 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	384 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2000		11	0	335 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	20,0000	P	EUR	1,4400	1,4400	1,4400	1	1,4400	1,4300		1	9	470 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300		7	0	331 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0400		3	0	221 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	26,0000	C	EUR	6,5500	6,7000	6,5500	4	6,7000	6,5600		7	5	204 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600		3	0	183 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4100		5	0	275 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	28,0000	P	EUR	4,4900	4,4900	4,4900	1	4,4900	4,4200		4	5	2109 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	30,0000	C	EUR	4,3400	4,5000	4,3400	3	4,5000	4,3900		4	3	652 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5400		6	0	302 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	606 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7900		7	0	2143 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	762 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8900		9	0	597 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	575 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9200		13	0	327 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	50,0000	C	EUR	0,4800	0,4900	0,4800	2	0,4900	0,5000		1	3	192 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,0400		22	0	129 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	28 31-12-2018
O	PHI	Philips NV Koninklijke	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,7500		32	0	0 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	20,0000	C	EUR	11,2000	11,2000	11,2000	1	11,2000	11,2300		11	1	114 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8800		2	0	467 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0800		8	0	147 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	193 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4100		7	0	201 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	345 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	30,0000	C	EUR	4,6900	4,7100	4,6900	3	4,7100	4,7400		5	20	423 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4400		6	0	812 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800		3	0	964 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	35,0000	P	EUR	9,8000	9,8000	9,8000	1	9,8000	9,8900		10	1	2809 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900		3	0	131 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600		11	0	65 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	40,0000	C	EUR	1,8700	1,8700	1,8700	1	1,8700	1,8500		2	5	392 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8900		14	0	147 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	50,0000	C	EUR	0,7300	0,7900	0,7300	3	0,7900	0,7200		1	3	471 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	50,0000	P	EUR	22,9000	22,9000	22,9000	1	22,9000	22,8900		23	1	137 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	12 31-12-2018
O	PHI	Philips NV Koninklijke	16-12-2022	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,5200		33	0	30 31-12-2018
O	PHI	Philips NV Koninklijke	15-12-2023	20,0000	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
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,9729		36	0	0 31-12-2018
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,9628		36	0	0 31-12-2018
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	35,9559		36	0	0 31-12-2018
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,9444		35	0	0 31-12-2018
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,9208		35	0	0 31-12-2018
F	PL6	Fuchs Petrolub AG - PREF - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	34,9007		35	0	0 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5300		5	0	0 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	1	31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5800		4	0	0 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	4	31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7100		3	0	20 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	24 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	18,5000	P	EUR	0,3000	0,3000	0,3000	1	0,3000	0,3300		0	1	1 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	7 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	99	31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	2 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	33 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	20,0000	C	EUR	1,3300	1,3300	1,3300	1	1,3300	1,2200		1	1	24 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	38 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	43 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	25 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	21,0000	C	EUR	0,8000	0,8000	0,8000	2	0,8000	0,6900		1	20	34 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2300		1	0	85 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	21,5000	C	EUR	0,6500	0,6500	0,6500	1	0,6500	0,5100		1	10	18 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	21,5000	P	EUR	1,3500	1,3500	1,3500	1	1,3500	1,5500		2	10	234 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	74 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	55 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	22,5000	C	EUR	0,3500	0,3500	0,3400	4	0,3400	0,2800		0	112	121 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200		2	0	55 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	23,0000	C	EUR	0,2400	0,2500	0,2400	2	0,2500	0,2000		0	2	61 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300		3	0	18 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	30 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	5 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	84 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6500		4	0	30 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	37 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5900		5	0	15 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	85 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5600		6	0	33 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PLT	Signify - Stock Option	18-1-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5500		7	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500		5	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	37 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9000		4	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	39 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900		3	0	1 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	23 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	15 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	19,0000	P	EUR	0,8500	0,8500	0,8500	2	0,8500	0,9200		1	20	26 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	19,5000	P	EUR	1,1100	1,1100	0,9900	2	0,9900	1,0900		1	16	27 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	1 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3100		1	0	31 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500		2	0	2 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900		1	0	26 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	21,0000	P	EUR	1,7300	1,7300	1,7300	1	1,7300	1,8300		2	1	143 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	21,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	52 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	21,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	109 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	71 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600		2	0	128 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	22,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	2 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	22,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100		3	0	7 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	23,0000	C	EUR	0,7000	0,7000	0,7000	1	0,7000	0,6400		3	2	17 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1800		3	0	1 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	23,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	14 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	23,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5700		4	0	6 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	24,0000	C	EUR	0,4900	0,4900	0,4900	1	0,4900	0,4400		0	9	30 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9800		4	0	16 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	17 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400		5	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	3 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700		6	0	1 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	63 31-12-2018
O	PLT	Signify - Stock Option	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7200		7	0	16 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5300		9	0	0 31-12-2018

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	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	149 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600		3	0	25 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	28 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	353 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	1088 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	20,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	20,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	60 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	132 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	22,0000	C	EUR	1,3500	1,3500	1,3000	-	2 1,3000	1,2200		1	3	226 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	195 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	23,0000	C	EUR	1,0000	1,0000	1,0000	-	2 1,0000	0,9100		1	12	149 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500		3	0	263 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	550 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	24,0000	P	EUR	4,0100	4,0100	4,0100	-	1 4,0100	4,2200		4	2	264 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	267 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400		5	0	369 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	26,0000	C	EUR	0,3800	0,3800	0,3800	-	1 0,3800	0,3500		0	1	210 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9000		6	0	278 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	34 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8200		7	0	21 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	208 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7400		8	0	106 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	87 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6700		10	0	50 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	PLT	Signify - Stock Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5800		15	0	5 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5900		9	0	1 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	3 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7900		7	0	15 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	40 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	39 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	391 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	18,0000	C	EUR	4,0300	4,0300	3,9500	-	2 3,9500	3,7600		4	3	30 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	18,0000	P	EUR	1,8800	1,8800	1,8800	-	1 1,8800	1,9600		2	3	125 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	0 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300		2	0	45 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	0	150 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	20,0000	P	EUR	2,8300	2,8300	2,8300	-	1 2,8300	2,9700		3	1	146 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	21,0000	C	EUR	2,2300	2,2300	2,2300	-	1 2,2300	2,1600		2	1	76 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500		4	0	69 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	165 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100		4	0	195 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	23,0000	C	EUR	1,4000	1,5000	1,4000	-	2 1,5000	1,4400		1	2	59 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9200		5	0	112 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	57 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	292 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500		1	0	143 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	25,0000	P	EUR	6,5000	6,5000	6,5000	-	1 6,5000	6,4900		6	1	219 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	67 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300		7	0	337 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	81 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	358 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	16 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9800		11	0	176 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	PLT	Signify - Stock Option	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7900		16	0	397 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8200		7	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	16,0000	C	EUR	5,4500	5,4500	5,4500	-	1 5,4500	5,2500		5	2	2 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400		4	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800		3	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000		3	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4100		3	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9800		4	0	7 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6400		5	0	0 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	4 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800		6	0	5 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	26,0000	C	EUR	1,0000	1,0000	1,0000	-	1 1,0000	1,0500		1	25	1 31-12-2018
O	PLT	Signify - Stock Option	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800		8	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	PM8	Banco BPM - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	PM8	Banco BPM - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
F	PN6	Postnl NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9966	2	0	0	31-12-2018
F	PN6	Postnl NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9960	2	0	0	31-12-2018
F	PN6	Postnl NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9957	2	0	30000	31-12-2018
F	PN6	Postnl NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8640	2	0	0	31-12-2018
F	PN6	Postnl NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8027	2	0	0	31-12-2018
F	PN6	Postnl NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,8017	2	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	15	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,7000	C	EUR	0,3200	0,3200	0,3200	2	0,3200	0,3200	0	20	20	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	80	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	24	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,9000	C	EUR	0,1500	0,1600	0,1500	2	0,1600	0,1600	0	16	29	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	1,9000	P	EUR	0,0700	0,0700	0,0600	3	0,0700	0,0600	0	27	85	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,0000	C	EUR	0,1000	0,1000	0,1000	3	0,1000	0,1000	0	6	1106	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,0000	P	EUR	0,1200	0,1200	0,0900	7	0,1000	0,1000	0	23	299	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,1000	C	EUR	0,0500	0,0700	0,0500	6	0,0700	0,0600	0	150	946	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,1000	P	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1700	0	2	1583	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,2000	C	EUR	0,0300	0,0300	0,0300	3	0,0300	0,0300	0	21	1165	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,2000	P	EUR	0,2900	0,2900	0,2300	3	0,2300	0,2300	0	8	766	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	449	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	330	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2180	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,4000	P	EUR	0,4700	0,4700	0,4200	2	0,4200	0,4100	0	26	346	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,5000	C	EUR	0,0100	0,0100	0,0100	4	0,0100	0,0100	0	55	664	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	73	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	472	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	41	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	197	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000	1	0	21	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	64	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	53	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	87	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-1-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	109	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	20	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	5	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	127	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	112	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	163	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	1,9000	P	EUR	0,1100	0,1100	0,1100	2	0,1100	0,1100	0	6	12	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	333	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,0000	P	EUR	0,1500	0,1600	0,1500	6	0,1600	0,1600	0	45	422	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,1000	C	EUR	0,1200	0,1200	0,1100	3	0,1100	0,1200	0	31	2129	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,1000	P	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2200	0	20	115	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,2000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0800	0	1	311	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	80	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,3000	C	EUR	0,0500	0,0500	0,0500	1	0,0500	0,0600	0	1	567	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	105	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	193	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	214	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	1155	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	608	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	172	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	46	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	508	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7200	1	0	171	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	5	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	13	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100	1	0	5	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-2-2019	3,2000	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	PNL	PostNL N.V Stnd Option	15-3-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400		1	0	906 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	18	31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,8000	P	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1200		0	2	332 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,9000	C	EUR	0,2700	0,2700	0,2700	2	0,2700	0,2600		0	20	20 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	1,9000	P	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1600		0	10	16 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,0000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2100		0	1	6304 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,0000	P	EUR	0,2300	0,2300	0,2100	10	0,2100	0,2100		0	55	2488 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,1000	C	EUR	0,1400	0,1400	0,1400	1	0,1400	0,1600		0	1	15 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,2000	C	EUR	0,1300	0,1300	0,1300	1	0,1300	0,1300		0	1	1105 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,2000	P	EUR	0,3300	0,3400	0,3300	2	0,3400	0,3400		0	31	1766 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	292 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	2420 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	3693 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	1189 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	2509 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	443 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	1364 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	1949 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	4095 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	1592 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,2000	C	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0200		0	25	3807 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,2000	P	EUR	1,2500	1,2500	1,2500	2	1,2500	1,2200		1	4	1498 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	8451 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	2051 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3278 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	364 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	624 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	1018 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100		3	0	191 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100		3	0	2 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,0000	C	EUR	0,9500	0,9500	0,9500	1	0,9500	1,0000		1	1	2 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	150 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	25 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	986 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	0 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,8000	C	EUR	0,3700	0,3700	0,3700	2	0,3700	0,3500		0	10	398 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	1,8000	P	EUR	0,2700	0,2700	0,2500	2	0,2500	0,2500		0	30	611 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,0000	C	EUR	0,2300	0,2700	0,2300	5	0,2600	0,2500		0	47	11238 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,0000	P	EUR	0,3600	0,3600	0,3500	6	0,3600	0,3700		0	65	1400 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	3067 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	1551 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	2608 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	658 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	3477 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	4004 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,6000	C	EUR	0,0900	0,0900	0,0900	1	0,0900	0,1000		0	8	2280 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	789 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	1715 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	2,8000	P	EUR	0,9900	0,9900	0,9900	1	0,9900	1,0100		1	10	2252 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,0000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0600		0	5	10425 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,0000	P	EUR	1,2000	1,2000	1,2000	2	1,2000	1,2000		1	475	8277 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,2000	C	EUR	0,0500	0,0500	0,0500	2	0,0500	0,0400		0	15	1755 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	1590 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	9044 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	321 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	5869 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,5000	P	EUR	1,6900	1,6900	1,6900	1	1,6900	1,6700		2	4	4697 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	311 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	3,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	3387 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	4404 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	4,0000	P	EUR	2,1500	2,1500	2,1500	4	2,1500	2,1600		2	75	2863 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	765 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	1917 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1398 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	482 31-12-2018
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 31-12-2018
O	PNL	PostNL N.V Stnd Option	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1500		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	PNL	PostNL N.V Stnd Option	20-9-2019	1,8000	P	EUR	0,3500	0,3500	0,3400	6	0,3400	0,3300	0	30	297	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,0000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,2800	0	1	3161	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,0000	P	EUR	0,4400	0,4400	0,4400	1	0,4400	0,4600	0	2	1763	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	1013	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	542	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,4000	C	EUR	0,1600	0,1600	0,1600	2	0,1600	0,1700	0	15	1731	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	1330	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,5000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1500	0	14	1015	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	1149	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	1244	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	1	0	651	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,8000	C	EUR	0,1100	0,1100	0,1100	2	0,1100	0,1100	0	8	1307	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	2014	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	3781	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	215	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	617	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700	1	0	890	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	81	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	3,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6600	2	0	5740	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	3	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400	2	0	191	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-9-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300	3	0	157	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000	2	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	30	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	46	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,5000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,5700	1	15	880	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,5000	P	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2200	0	10	2053	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	23	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	41	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,0000	C	EUR	0,3100	0,3300	0,3100	7	0,3200	0,3200	0	130	8137	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	2366	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,2000	C	EUR	0,2400	0,2400	0,2400	1	0,2400	0,2500	0	1	203	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,5000	C	EUR	0,1700	0,1900	0,1700	7	0,1900	0,1800	0	114	6161	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	2,5000	P	EUR	0,8600	0,8600	0,8600	1	0,8600	0,8800	1	20	2570	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	3,0000	C	EUR	0,1100	0,1100	0,1100	2	0,1100	0,1100	0	7	9424	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	3,0000	P	EUR	1,3000	1,3000	1,3000	1	1,3000	1,3100	1	5	9273	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	3,5000	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0700	0	2	7062	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	5287	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	5359	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	4,0000	P	EUR	2,3000	2,3000	2,2300	2	2,2300	2,2600	2	24	4057	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	380	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400	3	0	1026	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	36	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	5,0000	P	EUR	3,2000	3,2000	3,2000	2	3,2000	3,2400	3	30	1686	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	100	31-12-2018
O	PNL	PostNL N.V Stnd Option	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2100	4	0	6268	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	156	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	406	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	402	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	1,5000	P	EUR	0,3200	0,3200	0,3200	5	0,3200	0,3200	0	26	480	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	2,0000	C	EUR	0,3700	0,3800	0,3600	4	0,3700	0,3700	0	50	9609	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	2,0000	P	EUR	0,6500	0,6500	0,6000	2	0,6000	0,6300	1	152	1991	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	2,5000	C	EUR	0,2200	0,2400	0,2200	2	0,2400	0,2200	0	24	4843	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	2,5000	P	EUR	1,0500	1,0500	0,9700	6	0,9700	1,0000	1	76	5292	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	3,0000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1500	0	4	5601	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	3,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,4300	1	1	5761	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	3,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	833	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	3,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900	2	0	5319	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	614	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600	2	0	1754	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	330	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400	3	0	277	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	6	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	227	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200	4	0	991	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	120	31-12-2018
O	PNL	PostNL N.V Stnd Option	19-6-2020	6,0000	P	EUR	4,4000	4,4000	4,3500	2	4,3500	4,3100	4	20	5410	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-12-2020	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-12-2020	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	PNL	PostNL N.V Stnd Option	18-12-2020	1,5000	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
F	PP6	Partners Group Holding - Stock Future	15-3-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	595,3417	595	0	0	31-12-2018
F	PP6	Partners Group Holding - Stock Future	21-6-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	574,3276	574	0	0	31-12-2018
F	PP6	Partners Group Holding - Stock Future	20-9-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	573,8069	574	0	0	31-12-2018
F	PP6	Partners Group Holding - Stock Future	20-12-2019	0,0000	CHF	0,0000	0,0000	0,0000	0,0000	-	0,0000	573,1639	573	0	0	31-12-2018
F	PR6	Pearson - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	938,7400	939	0	0	31-12-2018
F	PR6	Pearson - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	939,3400	939	0	0	31-12-2018
F	PR6	Pearson - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	940,1500	940	0	0	31-12-2018
F	PR6	Pearson - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	930,5100	931	0	0	31-12-2018
F	PR6	Pearson - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	927,3400	927	0	0	31-12-2018
F	PR6	Pearson - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	929,7600	930	0	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
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	0	31-12-2018
F	PR8	Pearson - Dividend Future	15-12-2023	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	29,0000	29	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	15,5469	16	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	15,5425	16	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	15,5396	16	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	14,4459	14	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	14,4362	14	0	0	31-12-2018
F	PS6	ProSieben Sat 1 Media AG - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	14,4280	14	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	18-1-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,8180	12	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	15-2-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,8280	12	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	15-3-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,8415	12	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	21-6-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,8879	12	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	20-9-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,9425	12	0	0	31-12-2018
F	PT6	Petroleum Geo-Services - Stock Future	20-12-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,9945	12	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	PV8	BPER Banca - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,8668	17	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	14-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,8621	17	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	14-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,8588	17	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	20-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,3942	16	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	19-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,3830	16	0	0	31-12-2018
F	PY6	Prysmian SpA - Stock Future	19-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	16,3736	16	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	509,0000	509	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	509,3200	509	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	509,7600	510	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	511,0500	511	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	512,3300	512	0	0	31-12-2018
F	QA6	John Wood Group - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	513,6700	514	0	0	31-12-2018
F	QB6	Shire - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	4551,7500	4552	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	QC6	Enel SpA - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	5,0431	5	0	0	31-12-2018
F	QC6	Enel SpA - Stock Future	14-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9017	5	0	0	31-12-2018
F	QC6	Enel SpA - Stock Future	14-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9007	5	0	0	31-12-2018
F	QC6	Enel SpA - Stock Future	20-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,8964	5	0	0	31-12-2018
F	QC6	Enel SpA - Stock Future	19-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,7361	5	0	0	31-12-2018
F	QC6	Enel SpA - Stock Future	19-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,7334	5	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	QC8	ENEL - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,7454	14	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	14-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,7415	14	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	14-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,7389	14	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	20-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,3119	13	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	19-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,3029	13	0	0	31-12-2018
F	QD6	ENI SpA - Stock Future	19-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	12,8655	13	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	QD8	ENI - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	0	31-12-2018
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	31-12-2018
F	QF6	Atlantia SpA - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,0666	18	0	0	31-12-2018
F	QF6															

Instrument Type*	Instrument Trading Symbol	Instrument 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	QG6	Salpem SpA - Stock Future	14-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,2628		3	0	31-12-2018
F	QG6	Salpem SpA - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600		3	0	31-12-2018
F	QG6	Salpem SpA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,2577		3	0	31-12-2018
F	QG6	Salpem SpA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,2559		3	0	31-12-2018
F	QH6	Andritz AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	40,1120		40	0	31-12-2018
F	QH6	Andritz AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	40,1008		40	0	31-12-2018
F	QH6	Andritz AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	40,0931		40	0	31-12-2018
F	QH6	Andritz AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,4089		38	0	31-12-2018
F	QH6	Andritz AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,3829		38	0	31-12-2018
F	QH6	Andritz AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,3608		38	0	31-12-2018
F	QI6	Carlberg B - Stock Future	18-1-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	692,4391		692	0	31-12-2018
F	QI6	Carlberg B - Stock Future	15-2-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	692,1901		692	0	31-12-2018
F	QI6	Carlberg B - Stock Future	15-3-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	674,4826		674	0	31-12-2018
F	QI6	Carlberg B - Stock Future	21-6-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	673,9764		674	0	31-12-2018
F	QI6	Carlberg B - Stock Future	20-9-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	673,7355		674	0	31-12-2018
F	QI6	Carlberg B - Stock Future	20-12-2019	0,0000		DKK	0,0000	0,0000	0,0000	-	0,0000	673,4707		673	0	31-12-2018
F	QK6	Swisscom - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	469,4955		469	0	31-12-2018
F	QK6	Swisscom - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	469,3539		469	0	31-12-2018
F	QK6	Swisscom - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	469,1812		469	0	31-12-2018
F	QK6	Swisscom - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	446,4012		446	0	31-12-2018
F	QK6	Swisscom - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	445,9963		446	0	31-12-2018
F	QK6	Swisscom - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	445,4965		445	0	31-12-2018
F	QK8	Swisscom - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	22,0000		22	0	31-12-2018
F	QK8	Swisscom - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	22,0000		22	0	31-12-2018
F	QK8	Swisscom - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	22,0000		22	0	31-12-2018
F	QK8	Swisscom - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	22,0000		22	0	31-12-2018
F	QK8	Swisscom - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	22,0000		22	0	31-12-2018
F	QL6	Sulzer - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	78,0160		78	0	31-12-2018
F	QL6	Sulzer - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	77,9925		78	0	31-12-2018
F	QL6	Sulzer - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	77,9638		78	0	31-12-2018
F	QL6	Sulzer - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	74,2340		74	0	31-12-2018
F	QL6	Sulzer - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	74,1667		74	0	31-12-2018
F	QL6	Sulzer - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	74,0836		74	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	194,6152		195	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	194,5565		195	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	194,4850		194	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	189,6562		190	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	189,4831		189	0	31-12-2018
F	QM6	Schindler Holding - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	189,2705		189	0	31-12-2018
F	QN6	SGS - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2209,0377		2209	0	31-12-2018
F	QN6	SGS - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2208,3714		2208	0	31-12-2018
F	QN6	SGS - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2207,5591		2208	0	31-12-2018
F	QN6	SGS - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2123,8704		2124	0	31-12-2018
F	QN6	SGS - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2121,9375		2122	0	31-12-2018
F	QN6	SGS - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	2119,5581		2120	0	31-12-2018
F	QN8	SGS - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	74,0000		74	0	31-12-2018
F	QN8	SGS - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	76,0000		76	0	31-12-2018
F	QN8	SGS - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	78,0000		78	0	31-12-2018
F	QN8	SGS - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	78,0000		78	0	31-12-2018
F	QN8	SGS - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	78,0000		78	0	31-12-2018
F	QO6	Swiss Re - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	90,0808		90	0	31-12-2018
F	QO6	Swiss Re - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	90,0536		90	0	31-12-2018
F	QO6	Swiss Re - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	90,0205		90	0	31-12-2018
F	QO6	Swiss Re - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	84,6205		85	0	31-12-2018
F	QO6	Swiss Re - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	84,5442		85	0	31-12-2018
F	QO6	Swiss Re - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	84,4495		84	0	31-12-2018
F	QO8	Swiss Re - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	31-12-2018
F	QO8	Swiss Re - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	5,4500		5	0	31-12-2018
F	QO8	Swiss Re - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	31-12-2018
F	QO8	Swiss Re - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	31-12-2018
F	QO8	Swiss Re - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	5,6900		6	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,6034		171	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,5809		171	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,5852		171	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,4923		170	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,4376		170	0	31-12-2018
F	QR6	ABB (SEK) - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	170,4188		170	0	31-12-2018
F	QTR	A2A - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	31-12-2018
F	QTR	A2A - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0750		0	0	31-12-2018
F	QTR	A2A - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0750		0	0	31-12-2018
F	QTR	A2A - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0750		0	0	31-12-2018
F	QTR	A2A - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0750		0	0	31-12-2018
F	QU8	Bankia - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1104		0	0	31-12-2018
F	QU8	Bankia - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1104		0	0	31-12-2018
F	QU8	Bankia - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1104		0	0	31-12-2018
F	QU8	Bankia - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1104		0	0	31-12-2018
F	QU8	Bankia - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1104		0	0	31-12-2018
F	RA6	Randstad NV - Stock Future	18-1-2019	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	RA8	Randstad NV - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	0 31-12-2018
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 31-12-2018
F	RA8	Randstad NV - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	6001,2100	6001	0	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	6005,0500	6005	0	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	6010,2000	6010	0	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5925,2400	5925	0	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5866,0600	5866	0	0	0 31-12-2018
F	RB6	Reckitt Benckiser Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5881,3500	5881	0	0	0 31-12-2018
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	0 31-12-2018
F	RB8	Reckitt Benckiser Group - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	173,0000	173	0	0	0 31-12-2018
F	RB8	Reckitt Benckiser Group - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	173,0000	173	0	0	0 31-12-2018
F	RB8	Reckitt Benckiser Group - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	173,0000	173	0	0	0 31-12-2018
F	RB8	Reckitt Benckiser Group - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	173,0000	173	0	0	0 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7200		4	0	91 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	2692 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	23,0000	C	EUR	2,9000	2,9000	2,9000	1	2,9000	2,7400		3	1	747 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	1696 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	24,0000	C	EUR	1,8300	1,8300	1,8300	1	1,8300	1,8100		2	1	849 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	24,0000	P	EUR	0,1500	0,1500	0,1300	9	0,1500	0,1600		0	24	2478 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	24,5000	C	EUR	1,3800	1,5200	1,3800	3	1,5200	1,3800		1	23	414 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	24,5000	P	EUR	0,2000	0,2100	0,1900	5	0,1900	0,2300		0	82	1097 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	25,0000	C	EUR	1,0100	1,1500	1,0000	9	1,0000	0,9900		1	68	3144 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	25,0000	P	EUR	0,3100	0,3400	0,2700	17	0,3000	0,3300		0	109	17092 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	25,5000	C	EUR	0,6600	0,7600	0,6300	10	0,7600	0,6600		1	52	2861 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	25,5000	P	EUR	0,4200	0,4200	0,4200	3	0,4200	0,5000		1	16	1734 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	26,0000	C	EUR	0,3900	0,4800	0,3800	47	0,4200	0,3900		0	668	3801 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	26,0000	P	EUR	0,7000	0,7300	0,6300	9	0,7300	0,7300		1	35	3403 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	26,5000	C	EUR	0,2400	0,2700	0,2000	29	0,2300	0,2100		0	182	2930 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	26,5000	P	EUR	0,9500	1,0100	0,9500	2	1,0100	1,0600		1	8	5012 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	27,0000	C	EUR	0,1000	0,1400	0,1000	14	0,1200	0,1100		0	82	3040 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	27,0000	P	EUR	1,4900	1,4900	1,3400	4	1,3600	1,4600		1	38	2365 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	1257 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	27,5000	P	EUR	1,7700	1,7700	1,7700	1	1,7700	1,9000		2	3	746 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	28,0000	C	EUR	0,0300	0,0300	0,0300	14	0,0300	0,0300		0	205	1795 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	1174 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	28,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	494	494 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	697 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2985 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	176 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	2125 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600		4	0	500 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	39 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3600		6	0	81 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	9 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3600		8	0	11 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	0 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	22,0000	P	EUR	0,1600	0,1600	0,1500	3	0,1500	0,1600		0	3	583 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	325 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	23,0000	P	EUR	0,2400	0,2500	0,2400	4	0,2500	0,2600		0	8	1630 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	24,0000	C	EUR	1,9900	2,0400	1,9900	3	2,0400	1,9900		2	351	3769 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	24,0000	P	EUR	0,4200	0,4400	0,4200	7	0,4200	0,4400		0	322	1609 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	24,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	255 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	24,5000	P	EUR	0,5800	0,5800	0,5600	4	0,5600	0,5800		1	100	1012 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	25,0000	C	EUR	1,2300	1,3300	1,2300	4	1,2800	1,2500		1	31	1953 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	25,0000	P	EUR	0,7400	0,7500	0,6800	6	0,7300	0,7600		1	108	2916 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	25,5000	C	EUR	0,9300	1,0000	0,8900	10	0,9700	0,9300		1	44	984 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	25,5000	P	EUR	0,9500	0,9800	0,9500	2	0,9800	0,9800		1	110	4014 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	26,0000	C	EUR	0,6700	0,7600	0,6700	33	0,7000	0,6900		1	2644	4735 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600		1	0	1807 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	26,5000	C	EUR	0,4600	0,5400	0,4600	28	0,4800	0,4800		0	136	2009 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	26,5000	P	EUR	1,4600	1,4600	1,4600	1	1,4600	1,5900		2	4	1751 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	27,0000	C	EUR	15,3000	0,3700	0,3000	8	0,3700	0,3200		0	32	1418 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700		2	0	1668 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	27,5000	C	EUR	0,2000	0,2300	0,1900	8	0,2300	0,2000		0	135	564 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	27,5000	P	EUR	2,2100	2,2500	2,2100	3	2,2500	2,3700		2	8	1526 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	28,0000	C	EUR	0,1400	0,1500	0,1400	4	0,1500	0,1300		0	37	2249 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	28,0000	P	EUR	2,7300	2,7300	2,7300	1	2,7300	2,8200		3	10	1231 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	29,0000	C	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0500		0	1	732 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7600		4	0	576 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	419 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7400		5	0	990 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7300		7	0	218 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6700		8	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	15-3-2019	24,5000	P	EUR	0,7200	0,7200	0,7200	1	0,7200	0,7400	1	3	16	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	25,0000	C	EUR	1,3600	1,4300	1,3600	15	1,3800	1,3300	1	512	2885	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	25,0000	P	EUR	0,9500	0,9500	0,8800	3	0,9200	0,9300	1	106	6787	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	25,5000	C	EUR	1,0500	1,0500	1,0500	1	1,0500	1,0300	1	2	150	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	2	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	26,0000	C	EUR	0,7700	0,8500	0,7500	16	0,8000	0,7800	1	89	7167	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	26,0000	P	EUR	1,4200	1,4300	1,3300	10	1,3300	1,4300	1	67	20411	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	27,0000	C	EUR	0,4000	0,4300	0,4000	10	0,4300	0,4000	2	64	7043	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	27,0000	P	EUR	2,0000	2,0000	1,9500	2	1,9500	2,0900	2	2	9406	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	28,0000	C	EUR	0,2000	0,2200	0,1900	7	0,2000	0,1900	0	78	20605	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	28,0000	P	EUR	2,8700	2,8700	2,7300	2	2,7300	2,9000	3	10	11835	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	29,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0900	0	3	3577	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	29,0000	P	EUR	3,7500	3,7500	3,7500	1	3,7500	3,8000	4	1	6040	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	30,0000	C	EUR	0,0400	0,0500	0,0400	2	0,0500	0,0400	0	24	11902	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7700	5	0	2079	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	32,0000	C	EUR	0,0200	0,0300	0,0200	4	0,0200	0,0100	0	10	2722	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7600	7	0	2646	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2259	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7300	9	0	360	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2043	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7200	10	0	406	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	524	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,7300	15	0	179	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1953	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7400	20	0	330	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600	11	0	109	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1499	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6600	8	0	100	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	331	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7200	6	0	397	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	4441	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7800	5	0	415	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	21,0000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,4100	0	6	1930	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8900	4	0	656	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	22,0000	P	EUR	0,5800	0,5800	0,5700	3	0,5700	0,5800	1	80	2427	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	23,0000	C	EUR	3,0900	3,0900	3,0900	1	3,0900	3,0300	3	1	78	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	6590	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	24,0000	C	EUR	2,2100	2,4000	2,2100	5	2,3100	2,2600	2	6	1066	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	24,0000	P	EUR	1,0700	1,0700	1,0500	5	1,0600	1,1200	1	56	8003	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	25,0000	C	EUR	1,6200	1,6900	1,6000	4	1,6000	1,6100	2	17	986	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	25,0000	P	EUR	1,5400	1,5400	1,4500	6	1,5300	1,5500	2	17	3729	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	26,0000	C	EUR	1,0900	1,1200	1,0700	10	1,1200	1,0800	1	64	4001	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	26,0000	P	EUR	2,0000	2,0000	1,9600	2	1,9600	2,0900	2	10	10284	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	27,0000	C	EUR	0,6600	0,7500	0,6600	4	0,7500	0,6900	1	6	6985	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	27,0000	P	EUR	2,7200	2,7200	2,6300	2	2,6300	2,7400	3	2	5804	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	28,0000	C	EUR	0,4300	0,4600	0,4300	8	0,4600	0,4200	0	112	10517	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	28,0000	P	EUR	3,5200	3,5200	3,3600	2	3,3600	3,5000	4	7	6245	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	29,0000	C	EUR	0,2600	0,2800	0,2500	6	0,2700	0,2500	0	27	1622	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	29,0000	P	EUR	4,2600	4,2600	4,2600	2	4,2600	4,3400	4	40	2485	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	30,0000	C	EUR	0,1600	0,1600	0,1600	2	0,1600	0,1500	0	7	24732	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	30,0000	P	EUR	5,2500	5,2500	5,2000	2	5,2000	5,2500	5	8	4715	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	32,0000	C	EUR	0,0600	0,0600	0,0600	2	0,0600	0,0500	0	5	2639	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1600	7	0	703	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4922	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1100	10	0	1051	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	16897	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1300	15	0	674	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1100	20	0	227	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6900	8	0	40	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	339	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7700	6	0	30	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	20,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4800	0	1	478	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9400	4	0	134	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	2470	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700	2	0	733	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	24,0000	P	EUR	1,4800	1,4800	1,4800	1	1,4800	1,5700	2	5	2112	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500	2	0	724	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	25,0000	P	EUR	2,0500	2,0500	2,0500	1	2,0500	2,0400	2	3	6077	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	26,0000	C	EUR	1,2700	1,3300	1,2700	3	1,3300	1,2600	1	26	503	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	3579	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	27,0000	C	EUR	0,8900	0,8900	0,8900	1	0,8900	0,8900	1	38	863	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2700	3	0	1005	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	28,0000	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	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,5100	16	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5100	21	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6600	16	0	1	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	1682	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6600	14	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	552	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6600	12	0	3	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	613	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600	11	0	19	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	2754	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6600	10	0	60	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	587	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6900	9	0	215	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	1140	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7500	8	0	380	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	2284	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7700	7	0	90	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	3082	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	20,0000	C	EUR	5,9000	5,9000	5,9000	1	5,9000	5,8000	6	1	863	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	20,0000	P	EUR	0,7000	0,7200	0,7000	3	0,7000	0,7100	1	8	18111	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8600	5	0	49	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	21,0000	P	EUR	0,9300	0,9300	0,9300	1	0,9300	0,9300	1	1	6917	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	22,0000	C	EUR	4,1100	4,1200	4,0400	3	4,0400	3,9900	4	3	732	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	22,0000	P	EUR	1,2600	1,2600	1,1500	7	1,1700	1,2100	1	63	23861	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1800	3	0	2036	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	23,0000	P	EUR	1,5500	1,5500	1,4900	4	1,5300	1,5500	2	6	9766	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	24,0000	C	EUR	2,4800	2,5300	2,4800	2	2,5300	2,4800	2	102	1075	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	24,0000	P	EUR	1,9800	1,9900	1,9800	2	1,9900	1,9800	2	4	16682	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	25,0000	C	EUR	1,9300	2,0000	1,9300	4	2,0000	1,9000	2	35	15937	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	25,0000	P	EUR	2,4700	2,4700	2,4000	6	2,4100	2,4900	2	218	11952	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	26,0000	C	EUR	1,4100	1,5300	1,4000	9	1,4700	1,4200	1	15	12790	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	26,0000	P	EUR	3,0800	3,0800	2,9900	4	3,0000	3,1000	3	110	10350	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800	4	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	28,0000	C	EUR	0,7400	0,8100	0,7400	12	0,7700	0,7600	1	33	21180	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	28,0000	P	EUR	4,4800	4,4900	4,4800	2	4,4900	4,5200	5	6	6683	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	30,0000	C	EUR	0,4100	0,4300	0,4100	2	0,4300	0,3900	0	3	19598	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900	6	0	6368	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	5051	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0500	8	0	984	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	35,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700	0	4	12886	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	35,0000	P	EUR	10,7200	10,7200	10,7200	1	10,7200	10,8800	11	10	2935	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8452	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8800	16	0	2311	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1766	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	20-12-2019	50,0000	P	EUR	25,7200	25,7200	25,7200	1	25,7200	25,8800	26	10	4401	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7200	8	0	80	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	11	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8200	6	0	286	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	14	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0500	4	0	331	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	586	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3100	3	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2000	2	0	67	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6400	3	0	222	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900	3	0	1238	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900	2	0	68	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2600	3	0	700	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	825	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8900	4	0	602	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	420	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600	5	0	706	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	30,0000	C	EUR	0,5800	0,5800	0,5800	1	0,5800	0,5700	1	6	676	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0200	7	0	89	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	93	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,6500	12	0	90	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,5600	17	0	105	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6600	16	0	0	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	1596	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6600	14	0	8	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	626	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600	11	0	421	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	15,0000	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	RD	Royal Dutch Shell 'A' Shares	18-12-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	7882 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	23,0000	C	EUR	3,4000	3,4000	3,4000	1	3,4000	3,3700		3	1	2000 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	1852 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	24,0000	C	EUR	2,8200	2,8200	2,7400	2	2,7400	2,7300		3	7	2797 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	24,0000	P	EUR	3,3700	3,3700	3,3100	2	3,3100	3,3800		3	11	1091 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	25,0000	C	EUR	2,2200	2,2800	2,2200	4	2,2300	2,2100		2	13	11660 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	25,0000	P	EUR	3,9000	3,9100	3,9000	2	3,9100	3,9900		4	2	3789 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	26,0000	C	EUR	1,7700	1,7700	1,7700	1	1,7700	1,7900		2	1	15964 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	26,0000	P	EUR	4,5200	4,5900	4,5200	2	4,5900	4,6500		5	12	11356 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	28,0000	C	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1600		1	20	5706 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	28,0000	P	EUR	6,0600	6,0600	6,0600	1	6,0600	6,1600		6	7	6333 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	30,0000	C	EUR	0,7900	0,7800	0,7100	6	0,7500	0,7300		20	20611	31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	30,0000	P	EUR	7,7000	7,7200	7,7000	2	7,7200	7,7900		8	11	6809 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	32,0000	C	EUR	0,4700	0,4900	0,4700	4	0,4900	0,4600		0	5	756 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5900		10	0	491 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	3288 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4000		12	0	2466 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	5195 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2500		17	0	2059 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	2429 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,2600		27	0	1659 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600		11	0	20 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	15,0000	P	EUR	0,8500	0,8500	0,8400	3	0,8400	0,8600		1	3	1194 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6600		10	0	0 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	959 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6900		8	0	42 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	7327 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8300		6	0	277 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	3679 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600		5	0	13 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400		3	0	971 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1700		4	0	333 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	22,0000	P	EUR	3,4000	3,4000	3,4000	1	3,4000	3,4600		3	1	1937 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500		3	0	2095 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0100		4	0	3332 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900		3	0	900 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6600		5	0	1178 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	25,0000	C	EUR	2,4800	2,4800	2,4800	1	2,4800	2,4300		2	4	7612 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	25,0000	P	EUR	5,1500	5,2400	5,1500	4	5,2400	5,3000		5	202	2540 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	26,0000	C	EUR	2,0000	2,0000	2,0000	1	2,0000	2,0100		2	1	6794 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	26,0000	P	EUR	5,8200	5,8200	5,8200	1	5,8200	6,0300		6	100	3945 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	28,0000	C	EUR	1,4800	1,5000	1,4500	3	1,5000	1,4300		1	4	4709 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5800		8	0	3722 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	30,0000	C	EUR	1,0700	1,0700	1,0200	2	1,0200	0,9900		1	16	9450 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2400		9	0	1680 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	1577 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0200		11	0	389 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	3999 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7700		14	0	121 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	7417 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5800		19	0	162 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	681 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	17-12-2021	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,5300		29	0	524 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	15,0000	C	EUR	10,7000	10,7000	10,7000	1	10,7000	10,6600		11	1	50 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	15,0000	P	EUR	1,2800	1,2800	1,2800	1	1,2800	1,3100		1	20	1325 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	18,0000	C	EUR	7,7000	7,7000	7,7000	1	7,7000	7,6900		8	1	12 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	1698 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	20,0000	C	EUR	6,0500	6,0500	6,0500	1	6,0500	5,9000		6	1	287 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	20,0000	P	EUR	3,3200	3,3200	3,2000	3	3,2000	3,3000		3	17	3135 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300		5	0	107 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200		4	0	254 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	22,0000	C	EUR	4,3000	4,3000	4,3000	1	4,3000	4,2500		4	1	737 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	22,0000	P	EUR	4,4500	4,4500	4,4000	4	4,4000	4,3900		4	7	430 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	23,0000	C	EUR	3,6200	3,6500	3,6200	2	3,6500	3,5800		4	2	733 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400		5	0	106 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	24,0000	C	EUR	3,0000	3,1500	3,0000	7	3,1400	3,0500		3	10	4257 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7500		6	0	1319 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	25,0000	C	EUR	2,6200	2,6800	2,6000	8	2,6100	2,5800		3	18	10749 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4500		6	0	2818 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	26,0000	C	EUR	2,2200	2,2200	2,2200	4	2,2200	2,1500		2	100	5359 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	26,0000	P	EUR	7,1000	7,1000	6,9500	5	7,0300	7,2100		7	5	2813 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	27,0000	C	EUR	1,8600	1,9000	1,8500	4	1,8600	1,8100		2	33	162 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9500		8	0	28 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	28,0000	C	EUR	1,5900	1,5900	1,5700	2	1,5700	1,5600		2	10	5520 31-12-2018
O	RD	Royal Dutch Shell 'A' Shares	16-12-2022	28,0000	P	EUR	8,9000	8,9000	8,5500	3	8,5500	8,7400		9	19	2353 3

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	REN	RELX (EUR) - Stock Option	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	54	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400	1	0	134	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	108	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	17,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700	1	0	10	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	17,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900	0	0	18	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	223	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	196	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	18,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	258	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	18,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	13	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	19,0000	C	EUR	0,2000	0,2000	0,2000	1	0,2000	0,1700	0	1	89	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	120	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	19,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	19,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200	2	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	10	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	21,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	21,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500	3	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-2-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400	4	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700	8	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	91	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400	4	0	25	31-12-2018
O	REN	RELX (EUR) - Stock Option	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	15	31-12-2018

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 (EUR) - Stock Option	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	231 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	20 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	1069 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	1011 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	21 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800		3	0	79 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6300		5	0	22 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5700		7	0	166 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5500		9	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4900		11	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	47 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0000		10	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	10	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	9,7500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2500		8	0	6 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	9,7500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	121	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0100		8	0	24 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	6	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0300		6	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	91	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800		5	0	75 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	13,0000	P	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2400		0	1	405 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1200		4	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	14,0000	P	EUR	0,3400	0,3400	0,3400	1	0,3400	0,3800		0	1	304 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	14,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	803 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	14,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	1034	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	8 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	298 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	15,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	311 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	15,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		0	1323	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600		2	0	842 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0	302 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	16,2600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600		2	0	403 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	16,2600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	136 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		1	0	354 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100		2	0	295 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	19,0000	C	EUR	0,8100	0,8100	0,8100	1	0,8100	0,7900		1	1	2 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	19,5100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	277 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	19,5100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600		3	0	273 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	170 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100		3	0	14 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	22,7600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	115	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	22,7600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4200		5	0	87 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6000		7	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	10	31-12-2018
O	REN	RELX (EUR) - Stock Option	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5800		8	0	271 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000		8	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800		5	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	1	31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1900		4	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	2 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500		3	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900		1	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	4 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2400		1	0	4 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	51 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	60 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200		4	0	5 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	19-6-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0000		10	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	57	31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	20 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	366	31-12-2018
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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	REN	RELX (EUR) - Stock Option	18-12-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	141 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	175 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700		5	0	70 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	77 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2000		8	0	209 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	18-12-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1000		13	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9700		10	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9700		8	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	137 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900		0	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	21 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6600		4	0	117 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400		2	0	228 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300		3	0	213 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900		2	0	986 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	203 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	750 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	301 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6300		5	0	192 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	303 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8200		9	0	197 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	6 31-12-2018
O	REN	RELX (EUR) - Stock Option	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,6200		14	0	59 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9700		10	0	4 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	4 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000		8	0	18 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	63 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500		5	0	75 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	94 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8500		4	0	248 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300		2	0	221 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	159 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400		3	0	126 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	166 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800		4	0	2402 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	20,0000	C	EUR	1,6000	1,6000	1,6000	1	1,6000	1,5600		2	5	237 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2800		5	0	185 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	149 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3700		9	0	37 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	4 31-12-2018
O	REN	RELX (EUR) - Stock Option	16-12-2022	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0700		14	0	49 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0200		8	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300		4	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3100		4	0	10 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7300		2	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7300		6	0	0 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	9 31-12-2018
O	REN	RELX (EUR) - Stock Option	15-12-2023	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1000		10	0	0 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4900		11	0	0 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	45 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	9,7500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2500		8	0	2 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	9,7500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	315 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800		5	0	4 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	300 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	14,3000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	797 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	14,3000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	314 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	15,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	49 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	15,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	225 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	16,2600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600		2	0	64 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	16,2600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	94 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	19,5100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	34 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	19,5100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6600		3	0	43 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	22,7600	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	7 31-12-2018
O	REO	RELX (EUR) - Stock Option OLD	20-12-2019	22,7600	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4200		5	0	105 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	77,1447		77	0	0 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	77,1230		77	0	0 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	77,1083		77	0	0 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	75,0404		75	0	0 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	74,9898		75	0	0 31-12-2018
F	RH6	Rheinmetall AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	74,9465		75	0	0 31-12-2018
F	RK6	Rhoen-Klinikum AG - Stock Future	18-1-2019	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	RL6	RELX (GBX) - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1585,5700	1586	0	0	31-12-2018
F	RL6	RELX (GBX) - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1589,7000	1590	0	0	31-12-2018
F	RL8	RELX (GBX) - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	43,0000	43	0	0	31-12-2018
F	RL8	RELX (GBX) - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	45,5000	46	0	0	31-12-2018
F	RL8	RELX (GBX) - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	47,0000	47	0	0	31-12-2018
F	RL8	RELX (GBX) - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	47,0000	47	0	0	31-12-2018
F	RL8	RELX (GBX) - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	47,0000	47	0	0	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0900	8	0	0	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	13	0	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	34,0000	C	EUR	5,9000	5,9000	5,9000	1	5,9000	6,1200	6	1	1	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	11	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	3	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	36,0000	P	EUR	0,1900	0,1900	0,1700	2	0,1700	0,1700	0	4	119	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3400	3	0	10	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	37,0000	P	EUR	0,3000	0,3000	0,3000	1	0,3000	0,2600	0	2	26	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800	2	0	78	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	38,0000	P	EUR	0,4500	0,4500	0,4500	2	0,4500	0,4100	0	4	127	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7100	2	0	41	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	39,0000	P	EUR	0,7400	0,7400	0,7000	2	0,7000	0,6400	1	2	57	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	40,0000	C	EUR	0,8300	0,9600	0,8300	2	0,9600	1,0800	1	8	157	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	40,0000	P	EUR	1,1000	1,1500	1,1000	3	1,1500	1,0000	1	13	256	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	41,0000	C	EUR	0,5200	0,5800	0,5200	11	0,5600	0,6200	1	69	286	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	41,0000	P	EUR	1,6500	1,7000	1,6200	3	1,7000	1,5500	2	6	96	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	42,0000	C	EUR	0,2500	0,2900	0,2500	7	0,2700	0,3200	0	15	168	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400	2	0	164	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	43,0000	C	EUR	0,1300	0,1300	0,1000	4	0,1000	0,1400	0	10	77	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	116	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	67	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	44,0000	P	EUR	4,2200	4,2200	4,2200	1	4,2200	3,9900	4	10	78	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	45,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0300	0	10	151	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	45,0000	P	EUR	5,5100	5,5100	5,5100	2	5,5100	4,9500	5	2	130	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	54	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	46,0000	P	EUR	6,1500	6,1500	6,1500	1	6,1500	5,9300	6	2	113	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	42	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9200	8	0	45	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	8	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9200	10	0	35	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	RND	RANDSTAD NV	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9200	12	0	10	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3000	8	0	0	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4300	6	0	0	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400	0	0	9	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6700	5	0	4	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	140	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600	4	0	0	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	0	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100	3	0	170	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	100	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400	2	0	137	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	39,0000	P	EUR	1,4200	1,4200	1,4200	1	1,4200	1,3700	1	2	364	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	40,0000	C	EUR	1,8200	1,8200	1,8200	1	1,8200	1,8500	2	1	481	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800	2	0	132	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	136	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900	2	0	57	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	42,0000	C	EUR	0,8900	0,9000	0,8900	2	0,9000	0,9600	1	8	60	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000	3	0	909	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500	1	0	88	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	45	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	150	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3700	4	0	9	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	45,0000	C	EUR	0,2500	0,2500	0,2500	1	0,2500	0,2900	0	2	35	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	45,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	5,2100	5	0	28	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	94	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1000	6	0	15	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	36	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000	8	0	8	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	87	31-12-2018
O	RND	RANDSTAD NV	15-2-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9600	10	0	16	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2300	12	0	23	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	67	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3000	10	0	26	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	177	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4200	8	0	0	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	1	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	34,5000	C	EUR	6,0000	6,0000	6,0000	2	6,0000	6,1800	6	20	188	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	297	31-12-2018
O	RND	RANDSTAD NV	15-3-2019	36,0000	C	EUR	0,0									

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	RND	RANDSTAD NV	15-3-2019	39,4300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	376 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	332 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	40,0000	C	EUR	2,1000	2,1000	2,1000	1	2,1000	2,1700		2	1	1 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	3 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	0 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	42,0000	C	EUR	1,0800	1,0800	1,0800	2	1,0800	1,2600		1	12	198 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	42,0000	P	EUR	3,3500	3,3500	3,3500	1	3,3500	3,1900		3	1	237 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	368 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700		5	0	262 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	45,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	673 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	45,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500		6	0	275 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	47,3100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	221 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	47,3100	P	EUR	7,7500	7,7500	7,7500	1	7,7500	7,4300		7	1	326 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	295 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	49,2800	P	EUR	9,6000	9,6000	9,6000	1	9,6000	9,3000		9	2	148 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	51,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	531 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	51,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2300		11	0	407 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	53,2200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	598 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	53,2200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,1800		13	0	262 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	55,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	270 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	55,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1500		15	0	229 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	57,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	84 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	57,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1200		17	0	86 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	250 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0900		19	0	71 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	36 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,9500		29	0	30 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,8100		39	0	19 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	88,7100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	10 31-12-2018
O	RND	RANDSTAD NV	15-3-2019	88,7100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6800		49	0	50 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	28,0000	C	EUR	12,0000	12,0000	12,0000	1	12,0000	12,1800		12	3	42 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	88 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3000		10	0	308 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	50 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000		6	0	177 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	34,5000	P	EUR	1,6900	1,6900	1,6900	2	1,6900	1,6400		2	2	841 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	36,0000	C	EUR	4,9000	4,9500	4,9000	2	4,9500	5,0800		5	8	23 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400		2	0	4 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900		4	0	103 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500		3	0	641 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	39,4300	C	EUR	2,7000	2,7000	2,7000	1	2,7000	2,8300		3	1	342 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	39,4300	P	EUR	3,7700	3,7700	3,7700	1	3,7700	3,6800		4	1	959 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	42,0000	C	EUR	1,5500	1,5500	1,5300	2	1,5300	1,6400		2	9	365 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2500		5	0	307 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	44,3500	C	EUR	0,8500	0,8500	0,8500	1	0,8500	0,9000		1	2	273 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	44,3500	P	EUR	7,2000	7,2000	7,2000	1	7,2000	7,0100		7	1	807 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	45,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	174 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	45,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8200		8	0	193 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	47,3100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	305 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	47,3100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5400		10	0	208 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	49,2800	C	EUR	0,2300	0,2300	0,2300	1	0,2300	0,2200		0	1	708 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3900		11	0	669 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	51,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	514 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	51,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2300		13	0	147 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	53,2200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	1015 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	53,2200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1800		15	0	90 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	54,2100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	810 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	54,2100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1300		16	0	238 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	55,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	99 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	55,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1300		17	0	88 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	57,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	61 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	57,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0700		19	0	39 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	59,1400	C	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0200		0	1	1216 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0500		21	0	231 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	59 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,8400		31	0	45 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	55 31-12-2018
O	RND	RANDSTAD NV	21-6-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,7400		41	0	97 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	28,0000	C	EUR	12,0500	12,0500	12,0500	1	12,0500	12,2700		12	1	100 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	23 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3700		10	0	361 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500		1	0	47 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0500		6	0	279 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	124 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3100		5	0	0 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	36,0000	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	20-9-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300		7	0	90 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	46,0000	C	EUR	0,7900	0,7900	0,7900	1	0,7900	0,9500		1	1	62 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7600		9	0	149 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	13 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4700		10	0	25 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100		0	0	58 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2900		12	0	72 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	13 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9800		17	0	33 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	52 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8700		22	0	10 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	RND	RANDSTAD NV	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,8300		32	0	0 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2600		12	0	163 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	2 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4200		10	0	325 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	30,0000	P	EUR	1,3900	1,3900	1,3900	1	1,3900	1,3400		1	2	246 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700		7	0	94 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	34,5000	P	EUR	2,6100	2,6100	2,6100	1	2,6100	2,5700		3	2	176 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6000		6	0	70 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	36,0000	P	EUR	3,1700	3,1700	3,1700	1	3,1700	3,1300		3	3	9 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600		4	0	1 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	38,0000	P	EUR	4,0500	4,0500	4,0500	1	4,0500	4,0200		4	3	8 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	39,4300	C	EUR	3,3600	3,3600	3,3600	1	3,3600	3,5900		4	1	210 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	39,4300	P	EUR	4,9700	4,9700	4,8500	2	4,8500	4,7400		5	6	954 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700		2	0	10 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	42,0000	P	EUR	6,5000	6,5000	6,5000	1	6,5000	6,2700		6	5	5 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	44,3500	C	EUR	1,6200	1,6200	1,6200	1	1,6200	1,7200		2	1	596 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9000		8	0	670 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	707 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9000		12	0	420 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	54,2100	C	EUR	0,3100	0,3100	0,3100	1	0,3100	0,3200		0	1	632 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	54,2100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,4300		16	0	427 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	680 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,2300		21	0	374 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	159 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9700		31	0	39 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	79 31-12-2018
O	RND	RANDSTAD NV	20-12-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,8100		41	0	65 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	30,0000	C	EUR	10,2500	10,2500	10,2500	1	10,2500	10,4900		10	1	158 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000		2	0	445 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8400		7	0	85 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500		4	0	97 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	39,4300	C	EUR	3,8500	3,8500	3,8000	2	3,8000	3,9700		4	2	139 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5700		7	0	732 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	205 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9800		10	0	255 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	785 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	49,2800	P	EUR	14,3000	14,3000	14,3000	1	14,3000	14,0000		14	10	103 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	54,2100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200		1	0	81 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	54,2100	P	EUR	18,8500	18,8500	18,8500	1	18,8500	18,4900		18	10	204 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	139 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,2100		23	0	272 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	15 31-12-2018
O	RND	RANDSTAD NV	19-6-2020	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,6600		43	0	163 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6800		11	0	10 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	30,0000	P	EUR	3,1600	3,1600	3,1600	1	3,1600	2,9400		3	1	2 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9000		7	0	0 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	2 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3000		4	0	0 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7200		8	0	0 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5300		3	0	0 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1800		11	0	0 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4600		1	0	3 31-12-2018
O	RND	RANDSTAD NV	18-12-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1500		15	0	0 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1800		6	0	40 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800		1	0	126 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	39,4300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	223 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	365 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	83 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700		5	0	199 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	45,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	2	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	45,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6500		6	0	108 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	47,3100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	293 31-12-2018	
O	RNO	RANDSTAD NV OLD	15-3-2019	47,3100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4300		7	0	75 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	238 31-12-2018	
O	RNO	RANDSTAD NV OLD	15-3-2019	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3000		9	0	120 31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	51,2500</												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	RNO	RANDSTAD NV OLD	15-3-2019	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	93	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0900	19	0	61	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	36	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,9500	29	0	30	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,8100	39	0	0	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	88,7100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	RNO	RANDSTAD NV OLD	15-3-2019	88,7100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6800	49	0	50	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000	6	0	22	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	77	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	39,4300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300	3	0	256	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6800	4	0	642	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000	1	0	149	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0100	7	0	1082	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	45,3400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900	1	0	30	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	45,3400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8200	8	0	290	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	47,3100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	0	240	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	47,3100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5400	10	0	36	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	708	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3900	11	0	519	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	51,2500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	237	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	51,2500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,2300	13	0	94	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	53,2200	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	14	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	53,2200	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,1800	15	0	44	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	54,2100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	840	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	54,2100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1300	16	0	251	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	55,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	56	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	55,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1300	17	0	39	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	57,1700	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	31	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	57,1700	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0700	19	0	17	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	428	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0500	21	0	242	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	61	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,8400	31	0	31	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	55	31-12-2018
O	RNO	RANDSTAD NV OLD	21-6-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,7400	41	0	97	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6700	7	0	81	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700	3	0	63	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	39,4300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5900	4	0	51	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7400	5	0	708	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	285	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	44,3500	P	EUR	8,2000	8,2000	8,2000	1	8,2000	7,9000	8	1	526	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500	1	0	775	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9000	12	0	266	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	54,2100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	489	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	54,2100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,4300	16	0	407	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	657	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,2300	21	0	363	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	68,9900	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	160	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	68,9900	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,9700	31	0	32	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	79	31-12-2018
O	RNO	RANDSTAD NV OLD	20-12-2019	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,8100	41	0	69	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	34,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8400	7	0	13	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	34,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500	4	0	39	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	39,4300	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9700	4	0	8	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	39,4300	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5700	7	0	71	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	44,3500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200	2	0	33	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	44,3500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9800	10	0	63	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	49,2800	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700	1	0	408	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	49,2800	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0000	14	0	38	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	54,2100	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	86	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	54,2100	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4900	18	0	153	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	59,1400	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	79	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	59,1400	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,2100	23	0	105	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	78,8500	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	15	31-12-2018
O	RNO	RANDSTAD NV OLD	19-6-2020	78,8500	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,6600	43	0	65	31-12-2018
F	RO6	Rentokil Initial - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	337,3200	337	0	0	31-12-2018
F	RO6	Rentokil Initial - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	337,5400	338	0	0	31-12-2018
F	RO6	Rentokil Initial - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	337,8300	338	0	0	31-12-2018
F	RO6	Rentokil Initial - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	335,6200	336	0	0	31-12-2018
F	RO6	Rentokil Initial - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	334,9900	335	0	0	31-12-2018
F	RO6	Rentokil Initial - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	335,8600	336	0	0	31-12-2018
F	RP6	Repsol SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,0772	14	0	0	31-12-2018
F	RP6	Repsol SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,0733	14	0	0	31-12-2018
F	RP6	Repsol SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,0706	14	0	0	31-12-2018
F	RP6	Repsol SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,5281	14	0	0	31-12-2018
F	RP6	Repsol SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,5190				

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	RQ6	Raiffeisen Bank International AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,1851		22	0	0 31-12-2018
F	RQ6	Raiffeisen Bank International AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,3655		21	0	0 31-12-2018
F	RQ6	Raiffeisen Bank International AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,3511		21	0	0 31-12-2018
F	RQ6	Raiffeisen Bank International AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	21,3388		21	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	829,9100		830	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	830,4400		830	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	831,1600		831	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	826,1500		826	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	828,2300		828	0	0 31-12-2018
F	RR6	Rolls-Royce Holdings - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	825,5800		826	0	0 31-12-2018
F	RR8	Rolls-Royce Holdings - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	11,9900		12	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	RR8	Rolls-Royce Holdings - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,0000		13	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3731,3600		3731	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3733,7500		3734	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3590,3900		3590	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3599,4900		3599	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3513,0800		3513	0	0 31-12-2018
F	RV6	Rio Tinto - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	3522,2400		3522	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	RV8	Rio Tinto - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	172,0000		172	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,9612		19	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,9559		19	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,9523		19	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,2358		18	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,2235		18	0	0 31-12-2018
F	RW6	RWE AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,2130		18	0	0 31-12-2018
F	RW8	RWE - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	0 31-12-2018
F	RW8	RWE - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
F	RW8	RWE - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
F	RW8	RWE - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
F	RW8	RWE - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	243,2940		243	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	243,2206		243	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	236,1321		236	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	235,7245		236	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	235,5093		236	0	0 31-12-2018
F	RX6	Roche Holding - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	235,2451		235	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	RX8	Roche Holding - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	9,1000		9	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,9224		13	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,9188		13	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,9163		13	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,7150		13	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,7064		13	0	0 31-12-2018
F	SB6	SBM Offshore NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	12,6991		13	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	SB8	SBM Offshore - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500		3	0	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9500		3	0	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	0	2 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	11	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	1 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	4	0 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	12,0000	C	EUR	1,0500	1,0500	1,0500	-	1,0500	1,0700		1	8	57 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	12,0000	P	EUR	0,1900	0,1900	0,1500	-	0,1500	0,1500		0	17	450 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	12,5000	C	EUR	0,5500	0,6000	0,5500	-	0,5500	0,6800		1	6	204 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	12,5000	P	EUR	0,3300	0,3300	0,3300	-	0,3300	0,2600		0	10	75 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	13,0000	C	EUR	0,3000	0,4200	0,3000	-	0,4200	0,3800		0	34	371 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	138 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	13,5000	C	EUR	0,1600	0,2000	0,1600	-	0,2000	0,1800		0	5	266 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	214 31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	14,0000	C	EUR	0,0900	0,0900	0,0900	-	0,0900	0,0800		0	2	286 31-12-2018
O	SBM	SBM Offshore NV	18													

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	45	31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0800	4	0	1	31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	72	31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	15	31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800	6	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3800	3	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100	3	0	50	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	23	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	198	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900	2	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	15	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200	1	0	124	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	12,0000	P	EUR	0,4500	0,4500	0,4500	2	0,4500	0,4000	0	10	499	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0000	1	0	195	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5800	1	0	194	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	394	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	13,0000	P	EUR	0,7600	0,8000	0,7500	6	0,8000	0,8100	1	120	606	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	13,5000	C	EUR	0,4500	0,4600	0,4500	2	0,4600	0,5100	1	41	213	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	108	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	14,0000	C	EUR	0,3000	0,3300	0,3000	5	0,3300	0,3500	0	22	479	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	84	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	93	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100	2	0	17	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	85	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300	2	0	235	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	15	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1400	3	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1000	4	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-2-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0900	5	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9300	6	0	3	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	33	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9400	5	0	11	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	8,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	71	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900	4	0	38	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	155	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4300	3	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	10,0000	C	EUR	2,9500	2,9500	2,9500	1	2,9500	3,0700	3	10	422	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	744	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2000	2	0	328	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	116	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	12,0000	C	EUR	1,3500	1,4000	1,3500	2	1,4000	1,4400	1	6	1620	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	12,0000	P	EUR	0,5500	0,5500	0,5500	1	0,5500	0,5200	1	1	731	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	3	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	13,0000	C	EUR	0,8000	0,8500	0,8000	2	0,8500	0,8600	1	3	685	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	1151	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200	1	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	14,0000	C	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4700	0	15	827	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5500	2	0	2376	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	15,0000	C	EUR	0,2200	0,2200	0,2200	2	0,2200	0,2400	0	2	1036	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	997	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	16,0000	C	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1200	0	1	1144	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	16,0000	P	EUR	3,3000	3,3000	3,3000	1	3,3000	3,2000	3	2	1354	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1865	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1400	4	0	511	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	18,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	200	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1100	5	0	102	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1000	6	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	51	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0900	7	0	110	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	157	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0900	9	0	128	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SBM	SBM Offshore NV	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0900	11	0	0	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9400	6	0	0	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	17	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9600	5	0	363	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	187	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	73	31-12-

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	SBM	SBM Offshore NV	21-6-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3900		1	0	1122 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	14,0000	C	EUR	0,7000	0,7000	0,7000	2	0,7000	0,7200		1	16	2770 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	14,0000	P	EUR	2,0500	2,0500	2,0500	1	2,0500	2,0000		2	1	2949 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	15,0000	C	EUR	0,4200	0,4500	0,4200	2	0,4500	0,4500		0	2	2167 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400		3	0	814 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	2713 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	16,0000	P	EUR	3,7000	3,7000	3,7000	1	3,7000	3,5700		4	10	1351 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	967 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600		4	0	213 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	18,0000	C	EUR	0,1100	0,1100	0,1100	1	0,1100	0,1100		0	5	1642 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4100		5	0	296 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	3	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3600		6	0	100 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	200 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3500		7	0	301 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	33	31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3200		9	0	641 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	SBM	SBM Offshore NV	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3100		11	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800		5	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0600		4	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	17	31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100		3	7	31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	275	31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4400		2	0	49 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7000		1	0	39 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	12,0000	C	EUR	1,7000	1,7000	1,7000	1	1,7000	1,8000		2	10	727 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	102 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	925 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900		2	0	211 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	14,0000	C	EUR	0,8500	0,9000	0,8500	2	0,9000	0,9200		1	6	909 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	184 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	116 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400		3	0	51 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	16,0000	C	EUR	0,4100	0,4100	0,4100	1	0,4100	0,4300		0	4	36 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300		4	0	27 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	441 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000		5	0	50 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	35	31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	18,0000	P	EUR	5,7000	5,7000	5,7000	1	5,7000	5,5100		6	50	56 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	2 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4000		7	0	8 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	54 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3700		9	0	21 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	92 31-12-2018
O	SBM	SBM Offshore NV	20-9-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3500		11	0	2 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0100		5	0	259 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	390 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1200		4	0	3 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	47 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	10,0000	C	EUR	3,3000	3,3000	3,3000	1	3,3000	3,3300		3	25	970 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	553 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	0 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	12,0000	C	EUR	2,0000	2,0000	2,0000	1	2,0000	2,0100		2	1	1529 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3000		1	0	435 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	13,0000	C	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5100		2	1	1223 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	716 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	14,0000	C	EUR	1,0500	1,1000	1,0500	2	1,1000	1,1200		1	12	1219 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	14,0000	P	EUR	2,4500	2,4500	2,4500	1	2,4500	2,4200		2	5	573 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	15,0000	C	EUR	0,8300	0,8300	0,8300	2	0,8300	0,8500		1	7	570 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	15,0000	P	EUR	3,0500	3,0500	3,0500	1	3,0500	3,1500		3	10	1282 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	2741 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100		4	0	645 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	550 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6400		6	0	169 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	570 31-12-2018
O	SBM	SBM Offshore NV	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5000		8	0	586 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	8,0000	C	EUR	5,0500	5,0500	5,0500	1	5,0500	5,0700		5	1	64 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	104 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2600		4	0	3 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	54 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	10,0000	C	EUR	3,4000	3,4000	3,4000	1	3,4000	3,5000		4	10	371 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	10,0000	P	EUR	0,9000	0,9000	0,9000	1	0,9000	0,9000		1	1	446 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	12,0000	C	EUR	2,2500	2,2500	2,2500	1	2,2500	2,2800		2	1	568 31-12-2018
O	SBM	SBM Offshore NV	19-6-2020	12,0000	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	SBM	SBM Offshore NV	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1800		5	0	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700		1	0	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7000		4	0	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1500		1	0	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	12,0000	C	EUR	2,5300	2,5300	2,5300	1	2,5300	2,5400		3	1	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0300		2	0	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	14,0000	C	EUR	1,5300	1,5300	1,5300	1	1,5300	1,7300		2	3	31-12-2018
O	SBM	SBM Offshore NV	18-12-2020	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300		3	0	31-12-2018
F	SF6	Software AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	31,5837		32	0	31-12-2018
F	SF6	Software AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	31,5749		32	0	31-12-2018
F	SF6	Software AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	31,5688		32	0	31-12-2018
F	SF6	Software AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	30,8410		31	0	31-12-2018
F	SF6	Software AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	30,8202		31	0	31-12-2018
F	SF6	Software AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	30,8024		31	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1464,5300		1465	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1465,4700		1465	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1466,7300		1467	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1453,8600		1454	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1457,5100		1458	0	31-12-2018
F	SH6	Smith & Nephew - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	1450,2900		1450	0	31-12-2018
F	SI6	Siemens AG - Stock Record	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	97,3607		97	0	31-12-2018
F	SI6	Siemens AG - Stock Record	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	94,1339		94	0	31-12-2018
F	SI6	Siemens AG - Stock Record	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	94,1160		94	0	31-12-2018
F	SI6	Siemens AG - Stock Record	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	94,0327		94	0	31-12-2018
F	SI6	Siemens AG - Stock Record	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	93,9690		94	0	31-12-2018
F	SI6	Siemens AG - Stock Record	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	93,9147		94	0	31-12-2018
F	SI8	Siemens - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000		4	0	31-12-2018
F	SI8	Siemens - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,9250		4	0	31-12-2018
F	SI8	Siemens - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
F	SI8	Siemens - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
F	SI8	Siemens - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5500		3	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	3	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	11,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	25	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	20	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	3	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	4	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800		1	10	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	13,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	13,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800		2	40	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	4	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700		2	60	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	14,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	25	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	14,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	1	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	15	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	15,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	13	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	15,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800		4	7	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	25	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3700		4	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	4	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3500		5	10	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3500		6	15	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	18-1-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3500		7	9	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900		2	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	53	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	2	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	11,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	31-12-2018
O	SIF	Sif Holding - Stock Option	15-2-2019	11,5000	P	EUR</										

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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	17-12-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,1400	64	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	264,0500	264	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	264,2200	264	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	264,4400	264	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	257,7100	258	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	258,3600	258	0	0	31-12-2018
F	SI6	Sainsbury (J) - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	259,0300	259	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,5649	26	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,5577	26	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,5529	26	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,0304	25	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,0135	25	0	0	31-12-2018
F	SL6	Salzgitter AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,9990	25	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8700	6	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8700	5	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000	1	0	1	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000	0	7	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	1	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	36,0000	C	EUR	0,2300	0,2300	0,2300	1	0,2300	0,2600	0	2	16	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	36,0000	P	EUR	1,4200	1,4200	1,4200	1	1,4200	1,4700	1	1	39	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	30	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3400	2	0	22	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	13	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3000	3	0	84	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	8	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	1	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	60	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2300	5	0	261	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100	6	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	153	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	42,0000	P	EUR	7,2800	7,2800	7,2800	1	7,2800	7,2100	7	10	10	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2100	9	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2100	11	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8100	6	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8400	5	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	33,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	33,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	16	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	56	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	17	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	35,0000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	1,2600	1	1	21	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5700	1	0	14	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900	2	0	3	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	5	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800	3	0	29	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	6	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200	3	0	25	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	4	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	39,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	4,3700	4	0	12	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3000	5	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2400	7	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2300	9	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,2200	11	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9200	6	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9800	5	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	SLG	Silgro Food Group NV - Stnd Option	15-3-2019	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	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	38,0000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,3100	0	1	2	31-12-2018
O	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300	4	0	0	31-12-2018
O	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	0	31-12-2018
O	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600	5	0	0	31-12-2018
O	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	SLG	Sligro Food Group NV - Stnd Option	15-3-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2900	7	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	10,0830	10	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	10,0802	10	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	9,5282	10	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	9,5198	10	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	9,5134	10	0	0	31-12-2018
F	SN6	Stora Enso R - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	9,5079	10	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1366,5000	1365	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1365,3700	1365	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1366,5400	1367	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1355,8700	1356	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1359,2800	1359	0	0	31-12-2018
F	SO6	Smiths Group - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	1331,7700	1332	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	381	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	2105	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	1572	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	492	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	141	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	725	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	1867	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4605	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,9000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	921	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	0,9000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1307	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	3300	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	2578	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,1000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	428	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,1000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	538	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1901	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	3393	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1602	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	1063	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	3047	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	234	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1726	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	1,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9600	1	0	211	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	749	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	1160	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	746	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	560	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	513	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600	2	0	172	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1030	31-12-2018
O	SR	SNS Reaal N.V	5-6-2019	2,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600	2	0	1019	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	384	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1750	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	309	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	295	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	46	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	130	31-12-2018
O	SR	SNS Reaal N.V	6-6-2019	0,8000	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	SR	SNS Reaal N.V	6-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	745	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	335	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	1895	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2849	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,7000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	66	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,7000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	102	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	2202	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	3634	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2631	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	4572	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	3750	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	1439	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1246	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	2379	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	5568	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	6103	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	187	31-12-2018
O	SR	SNS Reaal N.V	10-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	281	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	456	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	859	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	20	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	403	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	2358	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1631	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2048	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	1127	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2581	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	656	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1071	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	883	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	716	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	1,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	1442	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	SR	SNS Reaal N.V	11-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	100	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	0,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	951	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	0,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	847	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	0,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	775	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	0,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1571	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2052	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	1171	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1044	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	609	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	1058	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	1,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	908	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	2,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	344	31-12-2018
O	SR	SNS Reaal N.V	12-6-2019	2,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	427	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,8233		34	0	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,3599		33	0	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,3535		33	0	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	33,3240		33	0	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	32,3361		32	0	31-12-2018
F	SR6	ACS Actividades Cons y Serv - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	32,3175		32	0	31-12-2018
F	ST8	STMicrolronics - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
F	ST8	STMicrolronics - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
F	ST8	STMicrolronics - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
F	ST8	STMicrolronics - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
F	ST8	STMicrolronics - Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31-12-2018
F	SV6	SCA B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	68,7012		69	0	31-12-2018
F	SV6	SCA B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	68,6922		69	0	31-12-2018
F	SV6	SCA B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	68,6939		69	0	31-12-2018
F	SV6	SCA B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	66,5576		67	0	31-12-2018
F	SV6	SCA B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	66,5363		67	0	31-12-2018
F	SV6	SCA B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	66,5291		67	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	609,5200		610	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	609,9100		610	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	598,9200		599	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	600,4400		600	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	592,8200		593	0	31-12-2018
F	SV6	Standard Chartered - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	594,3700		594	0	31-12-2018
F	SV6	Standard Chartered - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
F	SV6	Standard Chartered - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
F	SV6	Standard Chartered - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
F	SV6	Standard Chartered - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
F	SV6	Standard Chartered - Dividend Future	15-12-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	31-12-2018
F	SV6	Symrise AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	64,4872		64	0	31-12-2018
F	SV6	Symrise AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	64,4691		64	0	31-12-2018
F	SV6	Symrise AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	64,4568		64	0	31-12-2018

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	SZ6	Suedzucker AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	11,2698		11	0	31-12-2018
F	SZ6	Suedzucker AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	11,2633		11	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,3375		7	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,3355		7	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,3341		7	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,1276		7	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,1228		7	0	31-12-2018
F	TA6	Telefonica SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	6,9187		7	0	31-12-2018
F	TA8	Telefonica - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	31-12-2018
F	TA8	Telefonica - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	31-12-2018
F	TA8	Telefonica - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	31-12-2018
F	TA8	Telefonica - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	31-12-2018
F	TA8	Telefonica - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2533,9400		2534	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2535,5600		2536	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2537,7300		2538	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2490,3400		2490	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2442,7800		2443	0	31-12-2018
F	TB6	British American Tobacco - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	2396,0300		2396	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	TB8	British American Tobacco - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	174,6000		175	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	18-1-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	208,9408		209	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	15-2-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	207,3986		207	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	207,6354		208	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	206,4269		206	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	205,3521		205	0	31-12-2018
F	TG6	TGS Nopec Geophysical Company - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	204,2241		204	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,9770		15	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8228		15	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8200		15	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8069		15	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,7969		15	0	31-12-2018
F	TH6	ThyssenKrupp AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,7883		15	0	31-12-2018
F	TH8	ThyssenKrupp - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	TH8	ThyssenKrupp - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	TH8	ThyssenKrupp - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	TH8	ThyssenKrupp - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	TH8	ThyssenKrupp - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	17-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4832		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	14-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4831		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	14-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4830		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4826		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4822		0	0	31-12-2018
F	TI6	Telecom Italia SpA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4819		0	0	31-12-2018
F	TI8	Telecom Italia - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	TI8	Telecom Italia - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0150		0	0	31-12-2018
F	TI8	Telecom Italia - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0150		0	0	31-12-2018
F	TI8	Telecom Italia - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0150		0	0	31-12-2018
F	TI8	Telecom Italia - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,0150		0	0	31-12-2018
F	TJ6	Telia Company - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	41,9685		42	0	31-12-2018
F	TJ6	Telia Company - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	41,9630		42	0	31-12-2018
F	TJ6	Telia Company - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	41,9641		42	0	31-12-2018
F	TJ6	Telia Company - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	40,7917		41	0	31-12-2018
F	TJ6	Telia Company - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	40,7786		41	0	31-12-2018
F	TJ6	Telia Company - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	39,6245		40	0	31-12-2018
F	TJ8	Telia Company - Dividend Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	TJ8	Telia Company - Dividend Future	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	2,6000		3	0	31-12-2018
F	TJ8	Telia Company - Dividend Future	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	2,7000		3	0	31-12-2018
F	TJ8	Telia Company - Dividend Future	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	TJ8	Telia Company - Dividend Future	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8171		15	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8129		15	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,8101		15	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,1475		14	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,1379		14	0	31-12-2018
F	TK6	Deutsche Telekom AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	14,1297		14	0	31-12-2018
F	TK8	Deutsche Telekom - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	31-12-2018
F	TK8	Deutsche Telekom - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,6500		1	0	31-12-2018
F	TK8	Deutsche Telekom - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	TK8	Deutsche Telekom - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	TK8	Deutsche Telekom - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7200		7	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200		5	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-													

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	TKG	TKH Group NV Stnd Option	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100		1	0	75 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	41,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	0,9500		1	1	6 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600		1	0	71 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	42,0000	C	EUR	0,4700	0,4900	0,4700	2	0,4900	0,5600		1	2	3 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	60 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	43,0000	C	EUR	0,3200	0,3200	0,3200	1	0,3200	0,2900		0	2	49 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000		3	0	68 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	11 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600		3	0	60 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	12 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3800		4	0	26 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	32 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400		5	0	30 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	105 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200		6	0	53 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	28 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3100		7	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	5 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3100		8	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	36 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3100		9	0	9 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	3 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3100		11	0	15 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	18-1-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,3100		13	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8200		9	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9300		7	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1200		5	0	20 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	40 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	30 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	82 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700		3	0	1 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	1 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	38 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	41,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	1,6000		2	0	1 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	5 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	21 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	99 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	43,0000	C	EUR	0,8000	0,8500	0,8000	2	0,8500	0,7900		1	2	6 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100		3	0	24 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8700		4	0	2 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	18 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7000		5	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	5 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5600		6	0	2 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	65 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4900		6	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	32 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4300		7	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	12 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3600		9	0	2 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	3 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-2-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3400		11	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7700		13	0	2 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8900		11	0	3 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9900		9	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	32,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1800		7	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3200		6	0	10 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400		1	0	144 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4800		5	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	36,0000	P	EUR	0,8000	0,8000	0,8000	1	0,8000	0,8000		1	1	3 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9600		4	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	94 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6100		2	0	0 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700		3	0	8 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	177 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1700		2	0	6 31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	41,0												

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	TKG	TKH Group NV Stnd Option	15-3-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	71	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800	8	0	176	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	298	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5300	10	0	290	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	392	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4500	11	0	205	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	210	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4100	13	0	161	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	40	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3600	15	0	7	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	7	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	58,0000	P	EUR	18,1000	18,1000	18,1000	1	18,1000	17,3500	17	7	19	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	60,0000	C	EUR	0,0100	0,0100	0,0100	1	0,0100	0,0100	0	2	11	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,3500	19	0	76	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	112	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,3500	29	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,3500	39	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	15-3-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,3600	49	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9000	13	0	20	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	28,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4600	0	1	1	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0200	11	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600	1	0	40	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7700	7	0	11	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800	2	0	148	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600	2	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6600	5	0	9	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400	3	0	9	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900	3	0	57	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6700	4	0	108	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	42,0000	C	EUR	2,6000	2,6000	2,5500	5	2,6000	2,5500	3	10	78	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200	5	0	122	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	44,0000	C	EUR	1,9000	1,9000	1,9000	1	1,9000	1,8100	2	17	91	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	44,0000	P	EUR	6,0500	6,0500	6,0500	1	6,0500	6,1500	6	15	219	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	45,0000	C	EUR	1,5500	1,6000	1,5500	2	1,6000	1,5100	2	121	37	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8800	7	0	118	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	63	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6600	8	0	91	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500	1	0	117	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2800	9	0	193	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	50,0000	C	EUR	0,6000	0,6500	0,6000	2	0,6500	0,6300	1	13	138	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0800	11	0	123	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	52,0000	C	EUR	0,3600	0,3600	0,3600	1	0,3600	0,4400	0	2	99	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9000	13	0	159	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	103	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7300	16	0	153	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	74	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5800	21	0	54	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,5200	31	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9300	13	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	28,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6900	1	2	2	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1100	11	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	51	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0600	7	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300	2	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400	6	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5600	3	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3900	3	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900	4	0	5	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3700	4	0	4	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	0	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5000	6	0	1	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400	2	0	17	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5100	8	0	14	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300	1	0	5	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5400	12	0	6	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	1	31-12-2018
O	TKG	TKH Group NV Stnd Option	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0400	16	0	1	31-12-2018
O	TKQ	Deutsche Telekom - Stock Option	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8200	3	0	0	31-12-2018
O	TKQ	Deutsche Telekom - Stock Option	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TKQ	Deutsche Telekom - Stock Option	18-1-2019	12,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	0	31-12-2018
O	TKQ	Deutsche Telekom - Stock Option	18-1-2019	12,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	

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Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	TKW	Takeaway.com - Stock Option	18-1-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	105 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400		2	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1500		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	64,0000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,4600		1	1	4 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	64,0000	P	EUR	7,2500	7,2500	7,2500	1	7,2500	6,6700		7	10	10 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900		1	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9000		10	0	21 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	72,0000	C	EUR	0,3000	0,3000	0,3000	1	0,3000	0,3000		0	10	10 31-12-2018
O	TKW	Takeaway.com - Stock Option	18-1-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5200		14	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,9300		23	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0200		21	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0900		19	0	170 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	34 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1900		17	0	1 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	9 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	43,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2800		16	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900		0	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3300		15	0	3 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	44,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,5400		1	8	12 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5300		15	0	20 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	45,0000	P	EUR	0,7000	0,7000	0,7000	1	0,7000	0,7400		1	6	6 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5600		14	0	10 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	10 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6800		13	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9000		1	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8800		12	0	18 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0600		11	0	42 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	7 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2500		10	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	6 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	51,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4700		9	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,7500		9	0	13 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	52,0000	P	EUR	2,1500	2,1500	2,1500	1	2,1500	1,9700		2	1	11 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7300		7	0	1 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	6 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9700		3	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1300		6	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3500		3	0	12 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	57,0000	C	EUR	4,9200	4,9200	4,9200	1	4,9200	5,5900		6	1	1 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8100		4	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0600		5	0	6 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2900		4	0	12 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5600		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	59,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7900		5	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1400		4	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	62,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3400		3	0	10 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	62,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5700		7	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	64,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800		3	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	64,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9100		8	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	68,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900		2	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	68,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9200		11	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	72,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400		1	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-2-2019	72,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,2700		14	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9800		11	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5800		10	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8100		3	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3000		8	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7500		8	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1200		7	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600		4	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	57,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6200		7	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	57,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8600		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1200		6	0	2 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	59,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6200		6	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	59,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8600		6	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2000		5	0	0 31-12-2018
O	TKW	Takeaway.com - Stock Option	15-3-2019	60,0000	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
F	TQ6	Telenor - Stock Future	18-1-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	167,6129	168	0	0	31-12-2018
F	TQ6	Telenor - Stock Future	15-2-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	167,7556	168	0	0	31-12-2018
F	TQ6	Telenor - Stock Future	15-3-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	167,9470	168	0	0	31-12-2018
F	TQ6	Telenor - Stock Future	21-6-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	168,6055	169	0	0	31-12-2018
F	TQ6	Telenor - Stock Future	20-9-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	169,3793	169	0	0	31-12-2018
F	TQ6	Telenor - Stock Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	166,0057	166	0	0	31-12-2018
F	TQ8	Telenor - Dividend Future	20-12-2019	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	8,3500	8	0	0	31-12-2018
F	TQ8	Telenor - Dividend Future	18-12-2020	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	8,7200	9	0	0	31-12-2018
F	TQ8	Telenor - Dividend Future	17-12-2021	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	8,9000	9	0	0	31-12-2018
F	TQ8	Telenor - Dividend Future	16-12-2022	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	8,9000	9	0	0	31-12-2018
F	TQ8	Telenor - Dividend Future	15-12-2023	0,0000		NOK	0,0000	0,0000	0,0000	-	0,0000	8,9000	9	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,6688	21	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,6630	21	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,6591	21	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,6408	21	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,3639	20	0	0	31-12-2018
F	TR6	Tecnicas Reunidas SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,3522	20	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	17-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,4382	9	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	14-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,4356	9	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	14-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,4338	9	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,1955	9	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,1892	9	0	0	31-12-2018
F	TS6	Tenaris SA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,0740	9	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000	3	0	4	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7000	3	0	107	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	10	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	5,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	25	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100	2	0	48	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	170	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	46	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,4000	C	EUR	1,5500	1,5500	1,5500	1	1,5500	1,5300	2	3	91	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	91	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	103	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	238	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	65	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	225	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,0000	C	EUR	0,9800	0,9800	0,9800	1	0,9800	0,9900	1	24	294	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	608	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	452	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	203	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6900	1	0	165	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	252	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,6000	C	EUR	0,5400	0,5400	0,5400	1	0,5400	0,5600	1	1	327	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,6000	P	EUR	0,3000	0,3000	0,2500	4	0,2800	0,2600	0	35	173	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,8000	C	EUR	0,4400	0,4700	0,4400	5	0,4500	0,4500	0	20	459	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	95	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,0000	C	EUR	0,3200	0,3800	0,3200	5	0,3500	0,3600	0	14	1528	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	350	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,2000	C	EUR	0,2400	0,3000	0,2400	3	0,2900	0,2900	0	27	622	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	57	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,4000	C	EUR	0,2100	0,2500	0,2100	2	0,2500	0,2300	0	14	644	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	66	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,6000	C	EUR	0,2100	0,2100	0,1800	6	0,1800	0,1800	0	262	956	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	2	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,8000	C	EUR	0,1400	0,1400	0,1300	2	0,1300	0,1400	0	3	734	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	694	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000	1	0	6	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	1249	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	540	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	79	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	12	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,4000	C	EUR	1,6000	1,6000	1,6000	1	1,6000	1,6300	2	6	6	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	3	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200	1	0	20	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	18	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,2000	C	EUR	1,0600	1,0600	1,0600	1	1,0600	1,0400	1	3	82	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	160	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,4000	C	EUR	0,9200	0,9200	0,9200	1	0,9200	0,9200	1	24	130	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,4000	P	EUR	0,4200	0,4200	0,4200	1	0,4200	0,4200	0	1	80	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	351	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	154	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,8000	C	EUR	0,7000	0,7000	0,7000	1	0,7000	0,6800	1	4	174	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	20	31-12-2018
O	TTM															

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	15-2-2019	8,8000	C	EUR	0,3500	0,3500	0,3500	1	0,3500	0,3500	0	9	276	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	4	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	9,2000	C	EUR	0,2800	0,2800	0,2800	1	0,2800	0,2700	0	2	360	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5800	2	0	32	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	9,6000	C	EUR	0,2200	0,2200	0,2200	2	0,2200	0,2000	0	2	138	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100	4	0	21	31-12-2018
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	120	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4200	3	0	401	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	245	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400	3	0	535	31-12-2018
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	315	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700	2	0	173	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	361	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,0000	C	EUR	2,0500	2,0500	2,0500	1	2,0500	2,0300	2	1	872	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	547	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	1678	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	590	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,0000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,2800	1	10	1463	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,0000	P	EUR	0,4000	0,4000	0,4000	1	0,4000	0,3800	0	2	1128	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0400	1	0	7	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	12	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,5000	C	EUR	1,0000	1,0000	0,9600	2	0,9600	0,9800	1	4	986	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	1367	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	28	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6400	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400	1	0	26	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	12	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,0000	C	EUR	0,8000	0,8000	0,7500	8	0,7500	0,7500	1	31	2432	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	2320	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,5000	C	EUR	0,5500	0,6000	0,5500	0	0,5500	0,5700	1	28	4280	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,5000	P	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1700	1	1	3056	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	22	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	8,8000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	1,3800	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,0000	C	EUR	0,4300	0,4300	0,4100	4	0,4100	0,4200	0	15	3794	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	3692	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	646	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	296	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	10,0000	C	EUR	0,2300	0,2300	0,2300	5	0,2300	0,2400	0	105	3307	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3500	2	0	374	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	2565	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	12,0000	P	EUR	4,2000	4,2000	4,1500	3	4,1500	4,1900	4	10	575	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	1483	31-12-2018
O	TTM	Tom Tom Individual Equity Option	15-3-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1500	6	0	148	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9300	4	0	258	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	2	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4700	3	0	95	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	121	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0200	3	0	806	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	107	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	138	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	284	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	2633	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	499	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	6,5000	C	EUR	1,8500	1,8500	1,8500	1	1,8500	1,8600	2	1	395	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700	0	0	518	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300	2	0	1496	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	7,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6400	1	5	826	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	7,5000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,2600	1	10	333	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	7,5000	P	EUR	0,9000	0,9000	0,9000	3	0,9000	0,8700	1	5	1286	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	8,0000	C	EUR	1,0000	1,0000	1,0000	1	1,0000	1,0600	1	1	1872	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1700	1	0	1046	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8900	1	0	354	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000	2	0	420	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	9,0000	C	EUR	0,6500	0,6500	0,6500	1	0,6500	0,7100	1	2	1848	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	945	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	158	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1800	2	0	254	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	2779	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	10,0000	P	EUR	2,6500	2,6500	2,6500	2	2,6500	2,6000	3	15	1613	31-12-2018
O	TTM	Tom Tom Individual Equity Option	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	2075	31-

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	TTM	Tom Tom Individual Equity Option	20-9-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	5	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900	3	0	12	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	31	31-12-2018	
O	TTM	Tom Tom Individual Equity Option	20-9-2019	5,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6900	3	0	20	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	5,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	32	31-12-2018	
O	TTM	Tom Tom Individual Equity Option	20-9-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3200	2	0	10	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	19	31-12-2018	
O	TTM	Tom Tom Individual Equity Option	20-9-2019	6,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	31	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	6,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	93	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6900	2	0	54	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	9	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	361	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0500	1	0	104	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	8,0000	C	EUR	1,2000	1,2000	1,2000	2	1,2000	1,2100	1	6	129	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3300	1	0	73	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200	1	0	64	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6400	2	0	2	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600	1	0	18	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	41	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	707	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300	3	0	191	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	12,0000	C	EUR	0,3300	0,3300	0,3300	1	0,3300	0,3300	0	5	223	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4600	4	0	60	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	134	31-12-2018	
O	TTM	Tom Tom Individual Equity Option	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3000	6	0	28	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9900	4	0	61	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	19	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	4,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5500	4	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	4,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1400	3	0	2844	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500	0	0	401	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	1619	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	321	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	7,0000	C	EUR	1,8500	1,8500	1,8500	1	1,8500	1,8200	2	1	1385	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400	1	0	1315	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	7,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	8,0000	C	EUR	1,2500	1,3500	1,2500	3	1,3500	1,3600	1	10	1413	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	1201	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8000	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	9,0000	C	EUR	0,9500	1,0000	0,9500	3	1,0000	1,0100	1	10	1261	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400	2	0	913	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7400	1	0	2520	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	10,0000	P	EUR	2,9500	2,9500	2,9500	1	2,9500	2,8600	3	10	694	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	12,0000	C	EUR	0,4300	0,4300	0,4300	1	0,4300	0,4100	0	1	1	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400	5	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	807	31-12-2018
O	TTM	Tom Tom Individual Equity Option	20-12-2019	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3200	7	0	328	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	4,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0400	4	0	843	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	4,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300	3	0	919	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	57	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5500	3	0	1045	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	6,0000	P	EUR	0,6500	0,6500	0,6500	1	0,6500	0,6700	1	2	1250	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700	2	0	556	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	254	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100	2	0	1224	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	8,0000	P	EUR	1,6000	1,6000	1,6000	1	1,6000	1,6400	2	2	486	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	384	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3000	2	0	159	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9100	1	0	850	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500	3	0	186	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	15,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700	0	0	670	31-12-2018
O	TTM	Tom Tom Individual Equity Option	19-6-2020	15,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4300	7	0	448	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500	0	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700	3	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900	1	0	4	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	7,0000	C	EUR	2,2000	2,2000	2,2000	1	2,2000	2,1700	2	2	4	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	3	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7200	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	0	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	9,0000	C	EUR	1,3000	1,3000	1,3000	1	1,3000	1,3400	1	4	50	31-12-2018
O	TTM	Tom Tom Individual Equity Option	18-12-2020	9,0000	P	EUR	2,5000	2,5000	2,5000	1	2,5000	2,4700	2	20	0	31-12-2018
F	TU6	Tullow Oil - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	177,8500	178	0	0	31-12-2018
F	TU6	Tullow Oil - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	177,9700	178	0	0	31-12-2018
F	TU6	Tullow														

Instrument Type*	Instrument Trading Symbol	Instrument 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	TV6	Tele2 B - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	108,5122	109	0	0	31-12-2018
F	TV6	Tele2 B - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	108,5007	109	0	0	31-12-2018
F	TV8	Tele2 B - Dividend	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,2500	4	0	52	31-12-2018
F	TV8	Tele2 B - Dividend	18-12-2020	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,4000	4	0	52	31-12-2018
F	TV8	Tele2 B - Dividend	17-12-2021	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
F	TV8	Tele2 B - Dividend	16-12-2022	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
F	TV8	Tele2 B - Dividend	15-12-2023	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	6,0000	6	0	0	31-12-2018
F	TW6	Tesco - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	190,1700	190	0	0	31-12-2018
F	TW6	Tesco - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	190,2900	190	0	0	31-12-2018
F	TW6	Tesco - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	190,4500	190	0	0	31-12-2018
F	TW6	Tesco - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	188,2200	188	0	0	31-12-2018
F	TW6	Tesco - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	188,7000	189	0	0	31-12-2018
F	TW6	Tesco - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	187,4400	187	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9521	5	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	14-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9507	5	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	14-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9497	5	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	20-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,9453	5	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	19-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,7901	5	0	0	31-12-2018
F	TX6	Terna SpA - Stock Future	19-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,7004	5	0	0	31-12-2018
F	TX8	Terna - Dividend Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2209	0	0	0	31-12-2018
F	TX8	Terna - Dividend Future	18-12-2020	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2276	0	0	0	31-12-2018
F	TX8	Terna - Dividend Future	17-12-2021	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2276	0	0	0	31-12-2018
F	TX8	Terna - Dividend Future	16-12-2022	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2276	0	0	0	31-12-2018
F	TX8	Terna - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2276	0	0	0	31-12-2018
F	TV6	Tryg - Stock Future	18-1-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	163,8596	164	0	0	31-12-2018
F	TV6	Tryg - Stock Future	15-2-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	162,1535	162	0	0	31-12-2018
F	TV6	Tryg - Stock Future	15-3-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	162,1048	162	0	0	31-12-2018
F	TV6	Tryg - Stock Future	21-6-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	160,2837	160	0	0	31-12-2018
F	TV6	Tryg - Stock Future	20-9-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	158,5271	159	0	0	31-12-2018
F	TV6	Tryg - Stock Future	20-12-2019	0,0000	DKK	0,0000	0,0000	0,0000	0,0000	-	0,0000	156,7659	157	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	18-1-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	139,3120	139	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	15-2-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	139,2936	139	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	15-3-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	139,2971	139	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	21-6-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	134,2235	134	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	20-9-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	134,1807	134	0	0	31-12-2018
F	TZ6	Trelleborg B - Stock Future	20-12-2019	0,0000	SEK	0,0000	0,0000	0,0000	0,0000	-	0,0000	134,1664	134	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	135,3731	135	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	135,3351	135	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	135,3093	135	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	130,4931	130	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	125,5982	126	0	0	31-12-2018
F	UB6	Unibail-Rodamco-Westfield - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	125,5262	126	0	0	31-12-2018
F	UB8	Unibail-Rodamco-Westfield - Dividend Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	11,4000	11	0	0	31-12-2018
F	UB8	Unibail-Rodamco-Westfield - Dividend Future	18-12-2020	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	12,3000	12	0	0	31-12-2018
F	UB8	Unibail-Rodamco-Westfield - Dividend Future	17-12-2021	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,2000	13	0	0	31-12-2018
F	UB8	Unibail-Rodamco-Westfield - Dividend Future	16-12-2022	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,2000	13	0	0	31-12-2018
F	UB8	Unibail-Rodamco-Westfield - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	13,2000	13	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,5800	24	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7100	20	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9100	16	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300	1	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8200	9	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	128,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2500	7	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700	2	5	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7900	6	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	132,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200	2	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4800	4	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	134,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100	3	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	136,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3400	3	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	136,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9700	4	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	138,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4000	2	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	138,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200	5	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700	2	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2900	6	0	12	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	142,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	142,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7100	8	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	144,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3400	9	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	146,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	18-1-2019	146,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0500	11	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	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	38,6700	39	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0500	3	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,3900	30	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8000	5	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,9600	23	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3900	7	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,5800	17	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0400	11	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,3500	11	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,8400	16	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5100	8	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,0200	22	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6000	5	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,1400	29	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6800	3	0	5	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,2500	37	0	1	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,4600	55	0	18	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,9200	75	0	3	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,8000	95	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	174,9700	175	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	29,0300	29	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5700	8	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,4700	16	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,0900	15	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0700	8	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,7700	27	0	3	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600	3	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,1400	42	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	0	31-12-2018
O	UB9	Unibail-Rodamco-Westfield - European Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,3000	79	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,5600	24	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7600	20	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	116,0000	P	EUR	0,4800	0,4800	0,4800	2	0,4800	0,3800	0	3	23	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9900	16	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	120,0000	P	EUR	0,8000	0,8000	0,5100	4	0,5500	0,5800	1	4	98	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8900	9	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	128,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800	1	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	130,0000	C	EUR	6,0000	7,1000	6,0000	2	7,1000	7,3000	7	2	33	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200	2	0	430	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8500	6	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	132,0000	P	EUR	3,2100	3,2100	2,8500	4	2,8500	2,4500	2	9	48	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5100	5	0	18	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	134,0000	P	EUR	3,5000	3,5000	3,5000	1	3,5000	3,1500	3	5	16	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	136,0000	C	EUR	2,7900	3,3000	2,7900	2	3,3000	3,3700	3	2	83	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	136,0000	P	EUR	4,5500	4,5500	4,5500	1	4,5500	3,9900	4	1	62	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	138,0000	C	EUR	2,2500	2,4800	2,2500	3	2,4800	2,4100	2	5	13	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	138,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400	5	0	28	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	140,0000	C	EUR	1,3200	1,7000	1,2000	9	1,7000	1,6500	2	27	116	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	140,0000	P	EUR	7,7000	7,7000	7,7000	1	7,7000	6,3000	6	1	78	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	142,0000	C	EUR	0,8500	0,8500	0,8500	1	0,8500	1,0900	1	1	37	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	142,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000	8	0	17	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	144,0000	C	EUR	0,6000	0,6400	0,6000	2	0,6400	0,6900	1	6	40	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3300	9	0	9	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	146,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	64	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	146,0000	P	EUR	12,7000	12,7000	12,7000	1	12,7000	11,0600	11	1	27	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	148,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	34	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	148,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9100	13	0	14	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	150,0000	C	EUR	0,1800	0,1800	0,1800	2	0,1800	0,1800	0	5	60	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	150,0000	P	EUR	15,0000	15,0000	14,7500	2	14,7500	14,8000	15	7	81	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	152,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	28	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	152,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7300	17	0	12	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	154,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	15	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	154,0000	P	EUR	19,0000	19,0000	18,8000	2	18,8000	18,6900	19	2	17	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	156,0000	C	EUR	0,1000	0,1000	0,1000	1	0,1000	0,0400	0	1	16	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	156,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6600	21	0	25	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	158,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	60	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	158,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,6500	23	0	2130	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	63	31-12-20

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	UBL	Unibail-Rodamco-Westfield - Stock Option	18-1-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,6400	55	0	23	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2100	24	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5900	21	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1600	1	0	20	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0100	17	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	120,0000	P	EUR	1,8000	1,8000	1,8000	-	1,8000	1,6300	2	1	19	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5700	11	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	128,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2300	3	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1800	9	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200	4	0	57	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8600	8	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	132,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5000	5	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6300	7	0	3	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	134,0000	P	EUR	5,7200	5,7200	5,7200	-	5,7200	5,3000	5	1	26	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	136,0000	C	EUR	5,4500	5,5000	5,4500	-	5,5000	5,5400	6	2	4	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	136,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2100	6	0	18	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	138,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5500	5	0	14	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	138,0000	P	EUR	7,7700	7,7700	7,7700	-	7,7700	7,2400	7	1	8	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	140,0000	C	EUR	3,6800	3,6800	3,6800	-	3,6800	3,6700	4	1	7	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3400	8	0	265	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	142,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300	3	0	14	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	142,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6000	10	0	5	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	144,0000	C	EUR	2,0800	2,0800	2,0800	-	2,0800	2,2900	2	1	9	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9500	11	0	16	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	146,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	10	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	146,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4300	12	0	9	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	148,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3500	1	0	11	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	148,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0100	14	0	20	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200	1	0	9	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6600	16	0	28	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	152,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600	1	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	152,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4400	17	0	6	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	154,0000	C	EUR	0,5000	0,5000	0,5000	-	0,5000	0,5700	1	1	13	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	154,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,2400	19	0	8	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	156,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4100	0	0	6	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	156,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1100	21	0	7	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	158,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	4	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	158,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0200	23	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200	0	0	13	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9400	25	0	6	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	162,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700	0	0	128	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	162,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8900	27	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	164,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	5	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	164,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,8200	29	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	32	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	34,7400	35	0	17	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	4	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,6900	45	0	3	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-2-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,6900	55	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,9100	36	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500	1	0	40	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5400	27	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	71	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,7400	25	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1900	21	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	38	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8400	18	0	3	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900	2	0	109	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	128,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7000	12	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	128,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3900	4	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3800	10	0	4	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0600	5	0	29	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1100	9	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	132,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7800	6	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9100	8	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	134,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6000	7	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	136,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8200	7	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	136,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5100	8	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	138,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8400	6	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	138,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5100	9	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	140,0000	C	EUR	4,2500	5,0000	4,2500	-	5,0000	4,9500				

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	391	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	190,0000	P	EUR	54,6000	54,6000	54,6000	1	54,6000	54,7400	55	1	150	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	370	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,7400	65	0	101	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	39	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,7400	75	0	85	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	248	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	84,7500	85	0	93	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	57	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	114,7700	115	0	17	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	164,8000	165	0	30	31-12-2018
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	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	15-3-2019	350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	214,8300	215	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6600	46	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,9300	36	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9800	2	0	4	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,7400	27	0	10	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300	4	0	12	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,5200	19	0	14	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0700	6	0	52	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4800	11	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	130,0000	P	EUR	10,8500	10,8500	10,8500	1	10,8500	9,9800	10	1	28	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	140,0000	C	EUR	5,6000	6,2000	5,6000	2	6,2000	6,3700	6	15	118	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	140,0000	P	EUR	16,4500	16,4500	16,4500	1	16,4500	15,5200	16	10	207	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	150,0000	C	EUR	2,9000	2,9500	2,9000	3	2,9500	3,1300	3	8	148	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	150,0000	P	EUR	23,1000	23,1000	23,1000	1	23,1000	22,5800	23	1	346	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	160,0000	C	EUR	1,1700	1,1700	1,1700	1	1,1700	1,3900	1	1	102	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,1100	31	0	405	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	170,0000	C	EUR	0,5500	0,5500	0,5400	2	0,5400	0,6100	1	3	321	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	170,0000	P	EUR	42,1000	42,1000	42,1000	1	42,1000	40,3100	40	1	511	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	513	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	180,0000	P	EUR	50,7000	50,7000	50,7000	1	50,7000	49,9300	50	1	247	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	289	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	190,0000	P	EUR	60,0000	60,0000	60,0000	2	60,0000	59,7500	60	2	283	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	380	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	200,0000	P	EUR	69,9600	69,9600	69,9600	1	69,9600	69,6800	70	3	183	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	187	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	220,0000	P	EUR	90,0000	90,0000	90,0000	1	90,0000	89,6600	90	1	107	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	25	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	250,0000	P	EUR	120,4000	120,4000	120,4000	1	120,4000	119,6900	120	1	24	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	169,7700	170	0	66	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	90,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6600	46	0	0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	90,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100	2	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	100,0000	C	EUR	35,8500	35,8500	35,8500	1	35,8500	36,0900	36	1	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800	4	0	400	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,0100	27	0	2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	110,0000	P	EUR	6,6700	6,6700	6,4500	2	6,4500	6,1700	6	4	76	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8500	19	0	19	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	120,0000	P	EUR	10,2000	10,2000	10,2000	1	10,2000	9,5800	10	1	872	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	130,0000	C	EUR	11,5000	11,5000	11,5000	1	11,5000	12,1100	12	1	62	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3600	14	0	56	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	140,0000	C	EUR	7,2500	7,2500	7,2500	1	7,2500	7,1200	7	1	173	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	140,0000	P	EUR	21,6900	21,6900	20,5500	7	20,6500	20,4000	20	16	544	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	150,0000	C	EUR	3,5000	3,5000	3,5000	1	3,5000	3,8500	4	1	113	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,7000	28	0	306	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0000	2	0	242	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,3400	36	0	237	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	274	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	45,5500	46	0	226	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	180,0000	C	EUR	0,4200	0,4200	0,4200	1	0,4200	0,4700	0	2	546	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,1000	55	0	126	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300	0	0	41	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,8500	65	0	142	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	202	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,7200	75	0	136	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	31	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,6500	95	0	52	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-9-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	124,6800	125	0	13	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	90,0000	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	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,1500		29	0	7 31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	160,0000	C	EUR	2,5100	2,5100	2,5100	1	2,5100	2,8000		3	1 31	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3600		37	0 5	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8500		1	0 0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,5900		56	0 0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0 0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,0100		75	0 2	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0 0	31-12-2018
O	UBL	Unibail-Rodamco-Westfield - Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,8500		95	0 2	31-12-2018
F	UD6	Unicredit SpA - Stock Future	17-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,8921		10	0 0	31-12-2018
F	UD6	Unicredit SpA - Stock Future	14-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,8893		10	0 0	31-12-2018
F	UD6	Unicredit SpA - Stock Future	14-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,8875		10	0 0	31-12-2018
F	UD6	Unicredit SpA - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,5589		10	0 0	31-12-2018
F	UD6	Unicredit SpA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,5524		10	0 0	31-12-2018
F	UD6	Unicredit SpA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	9,5469		10	0 0	31-12-2018
F	UD8	Unicredit - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0 0	31-12-2018
F	UD8	Unicredit - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0 0	31-12-2018
F	UD8	Unicredit - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0 0	31-12-2018
F	UD8	Unicredit - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0 0	31-12-2018
F	UD8	Unicredit - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0 0	31-12-2018
F	UF8	UBI Banca - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0 0	31-12-2018
F	UF8	UBI Banca - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0 0	31-12-2018
F	UF8	UBI Banca - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0 0	31-12-2018
F	UF8	UBI Banca - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0 0	31-12-2018
F	UF8	UBI Banca - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	286,5752		287	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	286,4887		286	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	286,3833		286	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	278,3930		278	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	278,1401		278	0 0	31-12-2018
F	UH6	The Swatch Group (Bearer shares) - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	277,8284		278	0 0	31-12-2018
F	UH8	The Swatch Group (Bearer shares) - Dividend Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0 0	31-12-2018
F	UH8	The Swatch Group (Bearer shares) - Dividend Future	18-12-2020	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0 0	31-12-2018
F	UH8	The Swatch Group (Bearer shares) - Dividend Future	17-12-2021	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0 0	31-12-2018
F	UH8	The Swatch Group (Bearer shares) - Dividend Future	16-12-2022	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0 0	31-12-2018
F	UH8	The Swatch Group (Bearer shares) - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,1924		38	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,1817		38	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,1744		38	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,1908		37	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,1657		37	0 0	31-12-2018
F	UI6	United Internet AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	37,1443		37	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,1456		22	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,1394		22	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	22,1352		22	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,8664		21	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,8524		21	0 0	31-12-2018
F	UK6	UPM-Kymmene OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,8404		21	0 0	31-12-2018
O	UN	UNILEVER	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4400		7	0 38	31-12-2018
O	UN	UNILEVER	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0 59	31-12-2018
O	UN	UNILEVER	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4600		5	0 10	31-12-2018
O	UN	UNILEVER	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0 456	31-12-2018
O	UN	UNILEVER	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300		4	0 43	31-12-2018
O	UN	UNILEVER	18-1-2019	44,0000	P	EUR	0,2000	0,2000	0,1400	2	0,1400	0,1300		0	2 3833	31-12-2018
O	UN	UNILEVER	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	0 0	31-12-2018
O	UN	UNILEVER	18-1-2019	45,0000	P	EUR	0,2400	0,2400	0,2400	2	0,2400	0,2100		0	14 323	31-12-2018
O	UN	UNILEVER	18-1-2019	45,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900		2	0 6	31-12-2018
O	UN	UNILEVER	18-1-2019	45,5000	P	EUR	0,4000	0,4000	0,3800	4	0,3800	0,2800		0	58 77	31-12-2018
O	UN	UNILEVER	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7900		2	0 101	31-12-2018
O	UN	UNILEVER	18-1-2019	46,0000	P	EUR	0,5600	0,5600	0,4200	6	0,4200	0,3700		0	74 541	31-12-2018
O	UN	UNILEVER	18-1-2019	47,0000	C	EUR	0,7300	0,9100	0,7300	4	0,9100	1,0600		1	22 1368	31-12-2018
O	UN	UNILEVER	18-1-2019	47,0000	P	EUR	1,0100	1,0100	0,7000	11	0,7000	0,6600		1	146 743	31-12-2018
O	UN	UNILEVER	18-1-2019	48,0000	C	EUR	0,4000	0,5000	0,4000	10	0,5000	0,5500		1	202 587	31-12-2018
O	UN	UNILEVER	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1400		1	0 817	31-12-2018
O	UN	UNILEVER	18-1-2019	49,0000	C	EUR	0,1700	0,2400	0,1700	6	0,2400	0,2500		0	222 587	31-12-2018
O	UN	UNILEVER	18-1-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400		2	0 441	31-12-2018
O	UN	UNILEVER	18-1-2019	49,5000	C	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1800		0	2 37	31-12-2018
O	UN	UNILEVER	18-1-2019	49,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2600		2	0 3	31-12-2018
O	UN	UNILEVER	18-1-2019	50,0000	C	EUR	0,0800	0,0900	0,0800	6	0,0900	0,1100		0	9 1310	31-12-2018
O	UN	UNILEVER	18-1-2019	50,0000	P	EUR	3,2500	3,2500	3,2500	1	3,2500	2,7100		3	1 681	31-12-2018
O	UN	UNILEVER	18-1-2019	51,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0 189	31-12-2018
O	UN	UNILEVER	18-1-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6400		4	0 0	31-12-2018
O	UN	UNILEVER	18-1-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0 634	31-12-2018
O	UN	UNILEVER	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6100		5	0 84	31-12-2018
O	UN	UNILEVER	18-1-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0 961	31-12-2018
O	UN	UNILEVER	18-1-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5900		7	0 6	31-12-2018
O	UN	UNILEVER	18-1-2019	56,0000	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	UN	UNILEVER	15-2-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	3 31-12-2018
O	UN	UNILEVER	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	116 31-12-2018
O	UN	UNILEVER	15-2-2019	46,0000	P	EUR	1,2200	1,2200	1,0200	2	1,0200	0,9700		1	10	933 31-12-2018
O	UN	UNILEVER	15-2-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5600		2	0	56 31-12-2018
O	UN	UNILEVER	15-2-2019	47,0000	P	EUR	1,5300	1,5300	1,4400	2	1,4400	1,3500		1	10	3402 31-12-2018
O	UN	UNILEVER	15-2-2019	48,0000	C	EUR	0,8100	1,0000	0,8100	3	1,0000	1,0500		1	7	758 31-12-2018
O	UN	UNILEVER	15-2-2019	48,0000	P	EUR	2,0300	2,0300	2,0300	1	2,0300	1,8800		2	125	9175 31-12-2018
O	UN	UNILEVER	15-2-2019	49,0000	C	EUR	0,5000	0,5800	0,5000	4	0,5800	0,6700		1	6	3296 31-12-2018
O	UN	UNILEVER	15-2-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5500		3	0	286 31-12-2018
O	UN	UNILEVER	15-2-2019	50,0000	P	EUR	0,3300	0,4000	0,3300	7	0,4000	0,4100		0	11	739 31-12-2018
O	UN	UNILEVER	15-2-2019	50,0000	P	EUR	3,4700	3,4900	3,4700	2	3,4900	3,3200		3	10	192 31-12-2018
O	UN	UNILEVER	15-2-2019	51,0000	C	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2400		0	1	220 31-12-2018
O	UN	UNILEVER	15-2-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1700		4	0	35 31-12-2018
O	UN	UNILEVER	15-2-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1600		0	0	397 31-12-2018
O	UN	UNILEVER	15-2-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0700		5	0	155 31-12-2018
O	UN	UNILEVER	15-2-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	158 31-12-2018
O	UN	UNILEVER	15-2-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,0100		7	0	0 31-12-2018
O	UN	UNILEVER	15-2-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	14 31-12-2018
O	UN	UNILEVER	15-2-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0100		9	0	16 31-12-2018
O	UN	UNILEVER	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4200		19	0	0 31-12-2018
O	UN	UNILEVER	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	117 31-12-2018
O	UN	UNILEVER	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4200		17	0	0 31-12-2018
O	UN	UNILEVER	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	222 31-12-2018
O	UN	UNILEVER	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4700		12	0	48 31-12-2018
O	UN	UNILEVER	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	379 31-12-2018
O	UN	UNILEVER	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5800		8	0	2 31-12-2018
O	UN	UNILEVER	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	4220 31-12-2018
O	UN	UNILEVER	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7000		6	0	172 31-12-2018
O	UN	UNILEVER	15-3-2019	42,0000	P	EUR	0,5000	0,5000	0,5000	1	0,5000	0,4000		0	11	1865 31-12-2018
O	UN	UNILEVER	15-3-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9200		4	0	210 31-12-2018
O	UN	UNILEVER	15-3-2019	44,0000	P	EUR	0,8500	0,8500	0,7600	3	0,7600	0,7000		1	21	3660 31-12-2018
O	UN	UNILEVER	15-3-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100		3	0	0 31-12-2018
O	UN	UNILEVER	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300		1	0	30 31-12-2018
O	UN	UNILEVER	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3900		2	0	2973 31-12-2018
O	UN	UNILEVER	15-3-2019	46,0000	P	EUR	1,6000	1,6000	1,3200	3	1,3200	1,2400		1	3	4502 31-12-2018
O	UN	UNILEVER	15-3-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	5 31-12-2018
O	UN	UNILEVER	15-3-2019	47,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	64 31-12-2018
O	UN	UNILEVER	15-3-2019	48,0000	C	EUR	1,0000	1,2000	1,0000	3	1,2000	1,2500		1	4	5905 31-12-2018
O	UN	UNILEVER	15-3-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1700		2	0	8488 31-12-2018
O	UN	UNILEVER	15-3-2019	49,0000	C	EUR	0,7000	0,7000	0,7000	1	0,7000	0,8600		1	5	234 31-12-2018
O	UN	UNILEVER	15-3-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900		3	0	1 31-12-2018
O	UN	UNILEVER	15-3-2019	50,0000	C	EUR	0,5200	0,5500	0,5200	3	0,5500	0,5700		1	31	4071 31-12-2018
O	UN	UNILEVER	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5300		4	0	958 31-12-2018
O	UN	UNILEVER	15-3-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	2843 31-12-2018
O	UN	UNILEVER	15-3-2019	52,0000	P	EUR	5,7000	5,7000	5,7000	1	5,7000	5,2300		5	1	259 31-12-2018
O	UN	UNILEVER	15-3-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	0 31-12-2018
O	UN	UNILEVER	15-3-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000		7	0	20 31-12-2018
O	UN	UNILEVER	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800		0	0	1505 31-12-2018
O	UN	UNILEVER	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0400		8	0	117 31-12-2018
O	UN	UNILEVER	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	1060 31-12-2018
O	UN	UNILEVER	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9800		13	0	105 31-12-2018
O	UN	UNILEVER	15-3-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	116 31-12-2018
O	UN	UNILEVER	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,9800		23	0	54 31-12-2018
O	UN	UNILEVER	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4700		17	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	347 31-12-2018
O	UN	UNILEVER	21-6-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4700		15	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4900		13	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4900		12	0	3 31-12-2018
O	UN	UNILEVER	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	468 31-12-2018
O	UN	UNILEVER	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7000		8	0	875 31-12-2018
O	UN	UNILEVER	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	6794 31-12-2018
O	UN	UNILEVER	21-6-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8800		6	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	0 31-12-2018
O	UN	UNILEVER	21-6-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800		4	0	297 31-12-2018
O	UN	UNILEVER	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	949 31-12-2018
O	UN	UNILEVER	21-6-2019	45,0000	C	EUR	3,4000	3,4000	3,4000	1	3,4000	3,5600		4	1	2882 31-12-2018
O	UN	UNILEVER	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	4453 31-12-2018
O	UN	UNILEVER	21-6-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9000		3	0	594 31-12-2018
O	UN	UNILEVER	21-6-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1400		2	0	767 31-12-2018
O	UN	UNILEVER	21-6-2019	48,0000	C	EUR	1,6100	1,8000	1,6100	2	1,8000	1,8300		2	2	3564 31-12-2018
O	UN	UNILEVER	21-6-2019	48,0000	P	EUR	3,4700	3,4700	3,2800	5	3,2800	3,1300		3	102	4652 31-12-2018
O	UN	UNILEVER	21-6-2019	50,0000	C	EUR	0,9700	1,0600	0,9700	4	1,0600	1,0900		1	8	5203 31-12-2018
O	UN	UNILEVER	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4400		4	0	1442 31-12-2018
O	UN	UNILEVER	21-6-2019	52,0000	C	EUR	0,5500	0,5800	0,5500	2	0,5800	0,6300		1	54	979 31-12-2018
O	UN	UNILEVER	21-6-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0000		6	0	872 31-12-2018
O	UN	UNILEVER	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	1353 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	UN	UNILEVER	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5100		13	0	0 31-12-2018
O	UN	UNILEVER	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3800		0	0	13 31-12-2018
O	UN	UNILEVER	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7900		8	0	350 31-12-2018
O	UN	UNILEVER	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	158 31-12-2018
O	UN	UNILEVER	20-9-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0800		6	0	0 31-12-2018
O	UN	UNILEVER	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	0 31-12-2018
O	UN	UNILEVER	20-9-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400		5	0	106 31-12-2018
O	UN	UNILEVER	20-9-2019	44,0000	P	EUR	2,0900	2,0900	2,0900	1	2,0900	2,0200		2	10	237 31-12-2018
O	UN	UNILEVER	20-9-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	1132 31-12-2018
O	UN	UNILEVER	20-9-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	702 31-12-2018
O	UN	UNILEVER	20-9-2019	48,0000	C	EUR	2,1100	2,1100	2,1100	1	2,1100	2,2100		2	10	270 31-12-2018
O	UN	UNILEVER	20-9-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800		4	0	162 31-12-2018
O	UN	UNILEVER	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700		1	0	238 31-12-2018
O	UN	UNILEVER	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1700		5	0	420 31-12-2018
O	UN	UNILEVER	20-9-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	113 31-12-2018
O	UN	UNILEVER	20-9-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6800		7	0	38 31-12-2018
O	UN	UNILEVER	20-9-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	165 31-12-2018
O	UN	UNILEVER	20-9-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,2300		9	0	241 31-12-2018
O	UN	UNILEVER	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500		0	0	74 31-12-2018
O	UN	UNILEVER	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9400		14	0	0 31-12-2018
O	UN	UNILEVER	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	UN	UNILEVER	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8200		24	0	56 31-12-2018
O	UN	UNILEVER	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4200		27	0	8 31-12-2018
O	UN	UNILEVER	20-12-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	1034 31-12-2018
O	UN	UNILEVER	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200		22	0	6 31-12-2018
O	UN	UNILEVER	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	538 31-12-2018
O	UN	UNILEVER	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4200		17	0	44 31-12-2018
O	UN	UNILEVER	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	781 31-12-2018
O	UN	UNILEVER	20-12-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4400		15	0	2 31-12-2018
O	UN	UNILEVER	20-12-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	1158 31-12-2018
O	UN	UNILEVER	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4900		12	0	158 31-12-2018
O	UN	UNILEVER	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	3496 31-12-2018
O	UN	UNILEVER	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8900		8	0	3879 31-12-2018
O	UN	UNILEVER	20-12-2019	40,0000	P	EUR	1,5500	1,5500	1,5000	3	1,5000	1,3700		1	5	15904 31-12-2018
O	UN	UNILEVER	20-12-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2200		6	0	0 31-12-2018
O	UN	UNILEVER	20-12-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8900		2	0	0 31-12-2018
O	UN	UNILEVER	20-12-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7500		5	0	0 31-12-2018
O	UN	UNILEVER	20-12-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5700		3	0	1 31-12-2018
O	UN	UNILEVER	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1200		4	0	5661 31-12-2018
O	UN	UNILEVER	20-12-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900		3	0	9272 31-12-2018
O	UN	UNILEVER	20-12-2019	46,0000	C	EUR	3,4000	3,4000	3,4000	1	3,4000	3,5100		4	1	1 31-12-2018
O	UN	UNILEVER	20-12-2019	46,0000	P	EUR	3,5900	3,5900	3,5900	1	3,5900	3,4500		3	1	22 31-12-2018
O	UN	UNILEVER	20-12-2019	48,0000	C	EUR	2,4200	2,4200	2,4200	1	2,4200	2,5300		3	2	6 31-12-2018
O	UN	UNILEVER	20-12-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5400		5	0	9 31-12-2018
O	UN	UNILEVER	20-12-2019	50,0000	C	EUR	1,6400	1,7000	1,6400	4	1,7000	1,7700		2	8	7512 31-12-2018
O	UN	UNILEVER	20-12-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8500		6	0	2995 31-12-2018
O	UN	UNILEVER	20-12-2019	55,0000	C	EUR	0,6200	0,6200	0,6200	2	0,6200	0,7000		1	17	1191 31-12-2018
O	UN	UNILEVER	20-12-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8400		10	0	506 31-12-2018
O	UN	UNILEVER	20-12-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	1563 31-12-2018
O	UN	UNILEVER	20-12-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,4500		14	0	609 31-12-2018
O	UN	UNILEVER	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	343 31-12-2018
O	UN	UNILEVER	20-12-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,2600		24	0	731 31-12-2018
O	UN	UNILEVER	19-6-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4200		17	0	0 31-12-2018
O	UN	UNILEVER	19-6-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	6 31-12-2018
O	UN	UNILEVER	19-6-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5300		13	0	112 31-12-2018
O	UN	UNILEVER	19-6-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	27 31-12-2018
O	UN	UNILEVER	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0100		8	0	35 31-12-2018
O	UN	UNILEVER	19-6-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	64 31-12-2018
O	UN	UNILEVER	19-6-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4800		4	0	34 31-12-2018
O	UN	UNILEVER	19-6-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300		4	0	35 31-12-2018
O	UN	UNILEVER	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	144 31-12-2018
O	UN	UNILEVER	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9800		7	0	86 31-12-2018
O	UN	UNILEVER	19-6-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0200		1	0	37 31-12-2018
O	UN	UNILEVER	19-6-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8700		11	0	0 31-12-2018
O	UN	UNILEVER	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	56 31-12-2018
O	UN	UNILEVER	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3800		15	0	1 31-12-2018
O	UN	UNILEVER	18-12-2020	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4200		27	0	1 31-12-2018
O	UN	UNILEVER	18-12-2020	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	383 31-12-2018
O	UN	UNILEVER	18-12-2020	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200		22	0	9 31-12-2018
O	UN	UNILEVER	18-12-2020	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	152 31-12-2018
O	UN	UNILEVER	18-12-2020	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4200		19	0	4 31-12-2018
O	UN	UNILEVER	18-12-2020	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	321 31-12-2018
O	UN	UNILEVER	18-12-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4400		17	0	23 31-12-2018
O	UN	UNILEVER	18-12-2020	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6600		1	0	427 31-12-2018
O	UN	UNILEVER	18-12-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5400		13	0	182 31-12-2018
O	UN	UNILEVER	18-12-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	669 31-12-2018
O	UN	UNILEVER	18-12-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1000		8	0	1187 31-12-2018
O	UN	UNILEVER	18-12-2020	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7500				

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	UN	UNILEVER	18-12-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9100		12	0	24 31-12-2018
O	UN	UNILEVER	18-12-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6800		1	0	1018 31-12-2018
O	UN	UNILEVER	18-12-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3300		16	0	422 31-12-2018
O	UN	UNILEVER	18-12-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	160 31-12-2018
O	UN	UNILEVER	18-12-2020	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	35,8900		36	0	41 31-12-2018
O	UN	UNILEVER	17-12-2021	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,4200		27	0	7 31-12-2018
O	UN	UNILEVER	17-12-2021	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	116 31-12-2018
O	UN	UNILEVER	17-12-2021	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200		22	0	2 31-12-2018
O	UN	UNILEVER	17-12-2021	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	226 31-12-2018
O	UN	UNILEVER	17-12-2021	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4700		17	0	32 31-12-2018
O	UN	UNILEVER	17-12-2021	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	470 31-12-2018
O	UN	UNILEVER	17-12-2021	35,0000	C	EUR	12,4500	12,4500	12,4500	1	12,4500	12,6000		13	1	401 31-12-2018
O	UN	UNILEVER	17-12-2021	35,0000	P	EUR	2,3800	2,3800	2,3800	1	2,3800	2,3100		2	1	535 31-12-2018
O	UN	UNILEVER	17-12-2021	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3400		8	0	988 31-12-2018
O	UN	UNILEVER	17-12-2021	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0600		4	0	1074 31-12-2018
O	UN	UNILEVER	17-12-2021	45,0000	C	EUR	5,1500	5,1500	5,1500	1	5,1500	5,1400		5	1	926 31-12-2018
O	UN	UNILEVER	17-12-2021	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5900		7	0	3435 31-12-2018
O	UN	UNILEVER	17-12-2021	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1100		3	0	1428 31-12-2018
O	UN	UNILEVER	17-12-2021	50,0000	P	EUR	10,1000	10,1000	10,0000	2	10,0000	9,8800		10	8	1836 31-12-2018
O	UN	UNILEVER	17-12-2021	55,0000	C	EUR	1,7600	1,7600	1,7600	1	1,7600	1,8000		2	15	25 31-12-2018
O	UN	UNILEVER	17-12-2021	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,7900		14	0	0 31-12-2018
O	UN	UNILEVER	17-12-2021	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	1053 31-12-2018
O	UN	UNILEVER	17-12-2021	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,1200		18	0	623 31-12-2018
O	UN	UNILEVER	17-12-2021	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	344 31-12-2018
O	UN	UNILEVER	17-12-2021	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,3700		37	0	330 31-12-2018
O	UN	UNILEVER	16-12-2022	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,4200		22	0	3 31-12-2018
O	UN	UNILEVER	16-12-2022	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8800		1	0	648 31-12-2018
O	UN	UNILEVER	16-12-2022	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,4400		17	0	16 31-12-2018
O	UN	UNILEVER	16-12-2022	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	396 31-12-2018
O	UN	UNILEVER	16-12-2022	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6700		13	0	407 31-12-2018
O	UN	UNILEVER	16-12-2022	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600		3	0	84 31-12-2018
O	UN	UNILEVER	16-12-2022	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4700		8	0	1020 31-12-2018
O	UN	UNILEVER	16-12-2022	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2200		5	0	2630 31-12-2018
O	UN	UNILEVER	16-12-2022	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4500		5	0	636 31-12-2018
O	UN	UNILEVER	16-12-2022	45,0000	P	EUR	8,0500	8,0500	8,0500	1	8,0500	8,0200		8	3	1999 31-12-2018
O	UN	UNILEVER	16-12-2022	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300		4	0	319 31-12-2018
O	UN	UNILEVER	16-12-2022	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0000		10	0	157 31-12-2018
O	UN	UNILEVER	16-12-2022	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4500		3	0	486 31-12-2018
O	UN	UNILEVER	16-12-2022	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4600		11	0	227 31-12-2018
O	UN	UNILEVER	16-12-2022	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300		1	0	984 31-12-2018
O	UN	UNILEVER	16-12-2022	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7200		20	0	225 31-12-2018
O	UN	UNILEVER	16-12-2022	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	1571 31-12-2018
O	UN	UNILEVER	16-12-2022	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,7300		39	0	170 31-12-2018
O	UN	UNILEVER	15-12-2023	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5000		18	0	0 31-12-2018
O	UN	UNILEVER	15-12-2023	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4100		2	0	2 31-12-2018
O	UN	UNILEVER	15-12-2023	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6200		9	0	1 31-12-2018
O	UN	UNILEVER	15-12-2023	40,0000	P	EUR	6,1000	6,1000	6,1000	1	6,1000	6,2200		6	1	3 31-12-2018
O	UN	UNILEVER	15-12-2023	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7300		6	0	17 31-12-2018
O	UN	UNILEVER	15-12-2023	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1300		9	0	6 31-12-2018
O	UN	UNILEVER	15-12-2023	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	80 31-12-2018
O	UN	UNILEVER	15-12-2023	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0800		12	0	26 31-12-2018
O	UN	UNILEVER	15-12-2023	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800		2	0	6 31-12-2018
O	UN	UNILEVER	15-12-2023	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6100		21	0	0 31-12-2018
O	UN	UNILEVER	15-12-2023	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	2 31-12-2018
O	UN	UNILEVER	15-12-2023	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,0500		39	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,4106		47	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,0573		47	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,0483		47	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	46,6668		47	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	46,2954		46	0	0 31-12-2018
F	UN6	Unilever NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	45,9288		46	0	0 31-12-2018
F	UN8	Unilever - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	0 31-12-2018
F	UN8	Unilever - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	0 31-12-2018
F	UN8	Unilever - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	0 31-12-2018
F	UN8	Unilever - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	0 31-12-2018
F	UN8	Unilever - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4400		7	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4800		5	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6100		3	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	0 31-12-2018
O	UN9	Unilever - European Stock Option	18-1-2019	47,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	0 31-12-2018
O	UN9	Unilever														

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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	UT6	Azimut Holding SpA - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,5695		9	0	31-12-2018
F	UT6	Azimut Holding SpA - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,5638		9	0	31-12-2018
F	UT6	Azimut Holding SpA - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	8,5589		9	0	31-12-2018
F	UT8	Azimut Holding - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018
F	UT8	Azimut Holding - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018
F	UT8	Azimut Holding - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018
F	UT8	Azimut Holding - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018
F	UT8	Azimut Holding - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018
F	UU8	United Utilities Group - Dividend	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,0000		40	0	31-12-2018
F	UU8	United Utilities Group - Dividend	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,0000		40	0	31-12-2018
F	UU8	United Utilities Group - Dividend	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,0000		40	0	31-12-2018
F	UU8	United Utilities Group - Dividend	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,0000		40	0	31-12-2018
F	UU8	United Utilities Group - Dividend	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	40,0000		40	0	31-12-2018
F	UV8	Severn Trent - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,5800		85	0	31-12-2018
F	UV8	Severn Trent - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,5800		85	0	31-12-2018
F	UV8	Severn Trent - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,5800		85	0	31-12-2018
F	UV8	Severn Trent - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,5800		85	0	31-12-2018
F	UV8	Severn Trent - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	84,5800		85	0	31-12-2018
F	UW8	SSE - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	93,9000		94	0	31-12-2018
F	UW8	SSE - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	93,9000		94	0	31-12-2018
F	UW8	SSE - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	93,9000		94	0	31-12-2018
F	UW8	SSE - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	93,9000		94	0	31-12-2018
F	UW8	SSE - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	93,9000		94	0	31-12-2018
F	UY8	Amazon.com - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	UY8	Amazon.com - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	UY8	Amazon.com - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	UY8	Amazon.com - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	UY8	Amazon.com - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	31-12-2018
F	UZ8	Unilever PLC - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	146,8800		147	0	31-12-2018
F	UZ8	Unilever PLC - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	164,5000		165	0	31-12-2018
F	UZ8	Unilever PLC - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	180,4500		180	0	31-12-2018
F	UZ8	Unilever PLC - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	180,4500		180	0	31-12-2018
F	UZ8	Unilever PLC - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	180,4500		180	0	31-12-2018
F	VB8	General Motors - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	31-12-2018
F	VB8	General Motors - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,7200		2	0	31-12-2018
F	VB8	General Motors - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	31-12-2018
F	VB8	General Motors - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	31-12-2018
F	VB8	General Motors - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	31-12-2018
F	VC8	Ford Motor - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,5983		1	0	31-12-2018
F	VC8	Ford Motor - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,6300		1	0	31-12-2018
F	VC8	Ford Motor - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	31-12-2018
F	VC8	Ford Motor - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	31-12-2018
F	VC8	Ford Motor - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,6700		1	0	31-12-2018
F	VD8	Philip Morris - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,4900		4	0	31-12-2018
F	VD8	Philip Morris - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	31-12-2018
F	VD8	Philip Morris - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	31-12-2018
F	VD8	Philip Morris - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	31-12-2018
F	VD8	Philip Morris - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	98,2732		98	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	98,2602		98	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	98,2627		98	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	92,7117		93	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	92,6822		93	0	31-12-2018
F	VE6	Svenska Handelsbanken A - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	92,6725		93	0	31-12-2018
F	VE8	Svenska Handelsbanken A - Dividend	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,0000		6	0	31-12-2018
F	VE8	Svenska Handelsbanken A - Dividend	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	6,5000		7	0	31-12-2018
F	VE8	Svenska Handelsbanken A - Dividend	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	7,0000		7	0	31-12-2018
F	VE8	Svenska Handelsbanken A - Dividend	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	7,0000		7	0	31-12-2018
F	VE8	Svenska Handelsbanken A - Dividend	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	7,0000		7	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	48,1104		48	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	48,0969		48	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	48,0878		48	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,2053		47	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,1734		47	0	31-12-2018
F	VF6	Viscofan SA - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	47,1462		47	0	31-12-2018
F	VG8	Southern Co - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,3800		2	0	31-12-2018
F	VG8	Southern Co - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4600		2	0	31-12-2018
F	VG8	Southern Co - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5400		3	0	31-12-2018
F	VG8	Southern Co - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	31-12-2018
F	VG8	Southern Co - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	31-12-2018
F	VH8	Duke Energy - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,6350		4	0	31-12-2018
F	VH8	Duke Energy - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,7200		4	0	31-12-2018
F	VH8	Duke Energy - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	31-12-2018
F	VH8	Duke Energy - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	31-12-2018
F	VH8	Duke Energy - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,8400		4	0	31-12-2018
F	VJ8	CME Group - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,5063		5	0	31-12-2018
F	VJ8	CME Group - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0400		3	0	31-12-2018
F	VJ8	CME Group - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0400		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	VKG	Vopak koninklijke - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	38,7202		39	0	31-12-2018	
F	VL8	Conocophillips - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,1600		1	0	31-12-2018	
F	VL8	Conocophillips - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018	
F	VL8	Conocophillips - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	31-12-2018	
F	VL8	Conocophillips - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	31-12-2018	
F	VL8	Conocophillips - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	31-12-2018	
F	VM8	Apple - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8200		3	0	31-12-2018	
F	VM8	Apple - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,9400		3	0	31-12-2018	
F	VM8	Apple - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	31-12-2018	
F	VM8	Apple - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	31-12-2018	
F	VM8	Apple - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	31-12-2018	
F	VN8	Vonovia - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
F	VN8	Vonovia - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
F	VN8	Vonovia - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
F	VN8	Vonovia - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
F	VN8	Vonovia - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	152,9600		153	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	153,0500		153	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	153,1800		153	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	144,3700		144	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	144,7300		145	0	31-12-2018	
F	VO6	Vodafone Group - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	140,6800		141	0	31-12-2018	
F	VO8	Vodafone Group - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,0500		13	0	31-12-2018	
F	VO8	Vodafone Group - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,3600		13	0	31-12-2018	
F	VO8	Vodafone Group - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,3600		13	0	31-12-2018	
F	VO8	Vodafone Group - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,3600		13	0	31-12-2018	
F	VO8	Vodafone Group - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	13,3600		13	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,2760		20	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,2703		20	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	20,2664		20	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,3487		19	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,3356		19	0	31-12-2018	
F	VP6	Vienna Insurance Group AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	19,3245		19	0	31-12-2018	
F	VP8	Vopak - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
F	VP8	Vopak - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
F	VP8	Vopak - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
F	VP8	Vopak - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
F	VP8	Vopak - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000		1	0	31-12-2018	
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6900		8	0	31-12-2018	
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	2	31-12-2018	
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7400		6	0	31-12-2018	
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	38	31-12-2018	
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8000		4	0	8	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	36,0000	P	EUR	0,1400	0,1400	0,1300	3	0,1300	0,1300		0	7	175	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8900		3	0	5	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	61	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200		2	0	35	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	38,0000	P	EUR	0,3100	0,3300	0,3000	4	0,3300	0,3400		0	9	237	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700		1	0	100	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	39,0000	P	EUR	0,5300	0,5300	0,4600	2	0,4600	0,6000		1	20	101	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	40,0000	C	EUR	0,7900	0,7900	0,7900	6	0,7900	0,7100		1	39	133	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	40,0000	P	EUR	1,1000	1,1000	0,8200	24	1,0200	1,0400		1	134	457	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	41,0000	C	EUR	0,3500	0,4100	0,3500	3	0,4100	0,3500		0	10	612	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6800		2	0	128	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	42,0000	C	EUR	0,2000	0,2000	0,1800	2	0,1800	0,1600		0	2	213	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4900		2	0	37	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	43,0000	C	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0700		0	10	53	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	43,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	20	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	3	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3600		4	0	1	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400		6	0	11	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	18-1-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3300		8	0	0	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8900		8	0	0	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	2	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200		6	0	40	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	34,0000	P	EUR	0,3300	0,3300	0,3300	2	0,3300	0,3600		0	20	78	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2900		4	0	35	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	176	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	37,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	0	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	37,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	31	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700		3	0	31	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	129	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	39,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1300		2	0	60	31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	39,0000	P	EUR	1,4900	1,4900	1,4900	1	1,4						

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	VPK	KONINKLIJKE VOPAK NV	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7200		5	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1700		0	0	2 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5200		7	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4200		8	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8000		12	0	30 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	86	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8500		10	0	4 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	89	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,9500		8	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900		0	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1300		6	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2700		5	0	13 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	321 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	39 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7900		1	0	155 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	38,0000	C	EUR	2,9200	2,9200	2,9200	1	2,9200	2,9800		3	1	204 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	38,0000	P	EUR	1,2500	1,2500	1,2500	1	1,2500	1,3300		1	1	376 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	39,0000	C	EUR	2,4000	2,4000	2,4000	1	2,4000	2,3600		2	4	4 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	39,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	40,0000	C	EUR	1,8900	1,8900	1,8900	1	1,8900	1,8300		2	1	478 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	40,0000	P	EUR	2,0000	2,0000	2,0000	2	2,0000	2,1700		2	2	1227 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	41,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3800		1	0	6 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	41,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7300		3	0	3 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	42,0000	C	EUR	1,0500	1,1300	1,0500	8	1,1000	1,0400		1	40	280 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	42,0000	P	EUR	3,1500	3,4000	3,1500	2	3,4000	3,3800		3	3	181 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	44,0000	C	EUR	0,5300	0,5300	0,5300	2	0,5300	0,5300		1	13	941 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8800		5	0	259 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	46,0000	C	EUR	0,2600	0,2600	0,2600	1	0,2600	0,2600		1	1	251 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6100		7	0	12 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	48	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4100		10	0	57 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	10	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3600		15	0	2 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3600		20	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	28,0000	C	EUR	11,8000	11,8000	11,8000	1	11,8000	11,7800		12	1	46 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	33 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8800		10	0	40 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	147 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	76 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	244 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7800		5	0	57 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6700		2	0	46 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	38,0000	C	EUR	3,6100	3,6100	3,6000	2	3,6000	3,4300		3	10	59 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	38,0000	P	EUR	2,3300	2,3300	2,3200	2	2,3200	2,4300		2	10	559 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	40,0000	C	EUR	2,4600	2,4600	2,4600	1	2,4600	2,3600		2	7	182 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	40,0000	P	EUR	3,3500	3,3500	3,3500	1	3,3500	3,4500		3	7	261 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	42,0000	C	EUR	1,5400	1,5400	1,5400	2	1,5400	1,5400		2	3	382 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900		5	0	234 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	44,0000	C	EUR	0,9700	1,0200	0,9700	3	1,0200	0,9700		1	14	454 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1700		6	0	65 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000		0	0	54 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4500		11	0	75 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	1 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3200		16	0	72 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	28,0000	C	EUR	12,0500	12,0500	12,0500	1	12,0500	11,8100		12	1	1 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9400		10	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	1 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7500		6	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7800		2	0	2 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0300		5	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100		2	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700		4	0	3 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7600		3	0	4 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9700		4	0	5 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	42,0000	C	EUR	2,0500	2,0500	2,0500	1	2,0500	1,9500		2	2	18 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1900		5	0	3 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	13 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3800		7	0	0 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300		0	0	6 31-12-2018
O	VPK	KONINKLIJKE VOPAK NV	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7100		12	0	0 31-12-2018

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	VR8	Exxon Mobil - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,3700		3	0	0 31-12-2018
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 31-12-2018
F	VS8	Johnson&Johnson - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	0 31-12-2018
F	VS8	Johnson&Johnson - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	0 31-12-2018
F	VS8	Johnson&Johnson - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
F	VS8	Johnson&Johnson - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
F	VS8	Johnson&Johnson - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,0948		26	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,0875		26	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,0825		26	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,0594		26	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,6426		25	0	0 31-12-2018
F	VT6	Voestalpine AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,6385		25	0	0 31-12-2018
F	VU8	JPMorgan Chase & Co - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,7200		3	0	0 31-12-2018
F	VU8	JPMorgan Chase & Co - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	0 31-12-2018
F	VU8	JPMorgan Chase & Co - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	0 31-12-2018
F	VU8	JPMorgan Chase & Co - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	0 31-12-2018
F	VU8	JPMorgan Chase & Co - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	115,9183		116	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	115,9030		116	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	115,9060		116	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	110,0953		110	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	110,0603		110	0	0 31-12-2018
F	VV6	Volvo B - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	110,0487		110	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	VV8	Volvo B - Dividend Future	15-12-2023	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	5,0000		5	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	138,8924		139	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	138,8534		139	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	138,8269		139	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	134,5054		135	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	134,4146		134	0	0 31-12-2018
F	VW6	Volkswagen AG - PREF - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	134,3371		134	0	0 31-12-2018
F	VW8	Volkswagen pref - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,6500		5	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	VW8	Volkswagen pref - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,3200		19	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200		0	2	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	125,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,6700		15	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	125,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4700		10	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	12 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	132,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9200		9	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	132,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0200		2	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	134,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4800		7	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	134,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5800		3	0	4 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	135,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8300		7	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	135,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9300		3	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	136,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1800		6	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	136,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2900		3	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	138,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200		5	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	138,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1200		4	0	1 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200		4	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1300		5	0	1 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	142,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600		3	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	142,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2700		6	0	32 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	144,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4300		2	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	144,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5400		8	0	2 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	146,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400		2	0	2 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	146,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,9500		9	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	148,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	25 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	148,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4800		10	0	31 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	40 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1200		12	0	25 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	152,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	14 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	152,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8400		14	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	154,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	154,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,6400		16	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	155,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	77	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,5600		17	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	156,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	3	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	156,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5100		18	0	0 31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-1-2019	15												

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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	15-3-2019	185,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400	0	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	185,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,6400	47	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300	0	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	51,5400	52	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,4100	61	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	210,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	210,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	71,3400	71	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	15-3-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	81,2300	81	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	39,8400	40	0	2	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8800	27	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8900	5	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0600	23	0	1	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3900	6	0	3	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	125,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,4900	19	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	125,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1600	8	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2600	16	0	14	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2400	10	0	24	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	135,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4000	13	0	3	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	135,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,6400	13	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9600	11	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4700	15	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	145,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8700	9	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	145,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,6200	19	0	7	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1000	7	0	8	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,0300	22	0	6	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	155,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6900	6	0	5	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,7700	26	0	1	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6300	5	0	3	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8400	30	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900	4	0	20	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,9800	34	0	2	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9200	3	0	37	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,2900	38	0	5	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8400	2	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,3100	47	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800	1	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,7200	57	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800	1	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	66,3500	66	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	85,9900	86	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	115,8200	116	0	0	31-12-2018
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	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	165,7600	166	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	115,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5400	28	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	115,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5600	7	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,9700	24	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3400	8	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	125,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,0000	21	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	125,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,6600	11	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,5800	18	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4400	12	0	2	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	135,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9100	15	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	135,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9800	15	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,8600	13	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0900	18	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	145,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9700	11	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	145,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3200	21	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,3100	9	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,7600	25	0	2	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	155,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6100	8	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,1200	28	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3500	6	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,9100	32	0	3	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	165,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4000	5	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	165,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	36,0000	36	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3500	4	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,9800	40	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9800	3	0	20	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,6500	49	0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0800	2	0	40	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-9-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,7800	58	0	0	31-12-201

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	125,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7800		12	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	18,8600		19	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,1300		14	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	135,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2900		16	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	135,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6900		17	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5100		15	100	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,0200		20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	145,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,4600		12	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	145,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0500		23	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8100		11	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,4500		26	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	155,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,1200		9	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	155,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8000		30	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7200		8	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,4300		33	2	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5700		6	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,3200		41	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9500		4	25	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,7400		50	6	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8300		3	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	58,6500		59	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500		2	13	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,8900		68	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1100		1	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	87,0100		87	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	20	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	116,4700		116	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	20-12-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	166,2600		166	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,6300		41	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4200		6	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,7700		33	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6500		10	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,0600		26	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,8100		14	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,5300		21	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9000		19	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1300		16	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9800		25	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7500		13	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,9600		32	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,9900		10	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	39,4800		39	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,7900		8	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,4600		47	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0100		6	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,8300		56	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,7000		5	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	190,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,6800		65	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6200		4	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	73,7100		74	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	220,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	220,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	92,4300		92	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	121,4100		121	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	19-6-2020	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	170,9500		171	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,9800		41	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000		8	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,3800		33	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4200		11	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8600		28	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6400		17	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,5000		22	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6400		21	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,1000		17	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,5600		27	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,5100		14	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,2000		33	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,8300		12	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,6600		42	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2600		8	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	48,2000		48	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5400		7	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,5800		57	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	190,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,2500		5	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-12-2020	190,0000	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	VWQ	Volkswagen pref - Stock Option	18-6-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	39,9100		40	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0500		9	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,8700		32	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0200		13	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,3200		25	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8600		18	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,0100		20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,5400		24	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,7700		16	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,0100		30	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,3900		12	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,1500		37	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7500		10	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	44,9500		45	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	170,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6900		8	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	170,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	53,2700		53	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0700		6	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,8500		62	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7300		4	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	79,9000		80	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	18-6-2021	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	177,1100		177	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,0800		40	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,5400		11	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	110,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,3900		32	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	110,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,7100		15	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	120,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,0800		26	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	120,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,6800		20	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	130,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,9500		21	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	130,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	25,4100		25	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	140,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8000		17	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	140,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	31,8400		32	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4500		13	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	38,8600		39	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	160,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,9700		11	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	160,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,7000		47	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	180,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1300		7	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	180,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	63,2300		63	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6500		5	0	31-12-2018
O	VWQ	Volkswagen pref - Stock Option	17-12-2021	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	80,9500		81	0	31-12-2018
F	VX8	General Electric - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,3700		0	0	31-12-2018
F	VX8	General Electric - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
F	VX8	General Electric - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
F	VX8	General Electric - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
F	VX8	General Electric - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,4800		0	0	31-12-2018
F	VY8	AT&T - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	31-12-2018
F	VY8	AT&T - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0500		2	0	31-12-2018
F	VY8	AT&T - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	31-12-2018
F	VY8	AT&T - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	31-12-2018
F	VY8	AT&T - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0900		2	0	31-12-2018
F	VZ8	Wells Fargo & Co - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,6400		2	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,8922		14	0	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,8883		14	0	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,6357		14	0	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,6236		14	0	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,3644		13	0	31-12-2018
F	WA6	Wartsila OYJ ABP - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	13,3567		13	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9964		18	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9914		18	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,9879		18	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,5722		18	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,5603		18	0	31-12-2018
F	WB6	Wienerberger AG - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	17,5502		18	0	31-12-2018
F	WD6	Swedbank A - Stock Future	18-1-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	197,6960		198	0	31-12-2018
F	WD6	Swedbank A - Stock Future	15-2-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	197,6699		198	0	31-12-2018
F	WD6	Swedbank A - Stock Future	15-3-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	197,6749		198	0	31-12-2018
F	WD6	Swedbank A - Stock Future	21-6-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	183,5737		184	0	31-12-2018
F	WD6	Swedbank A - Stock Future	20-9-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	183,5155		184	0	31-12-2018
F	WD6	Swedbank A - Stock Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	183,4964		183	0	31-12-2018
F	WD8	Swedbank A - Dividend Future	20-12-2019	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	12,8000		13	0	31-12-2018
F	WD8	Swedbank A - Dividend Future	18-12-2020	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	13,5000		14	0	31-12-2018
F	WD8	Swedbank A - Dividend Future	17-12-2021	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	14,0000		14	0	31-12-2018
F	WD8	Swedbank A - Dividend Future	16-12-2022	0,0000		SEK	0,0000	0,0000	0,0000	-	0,0000	14,0000		14		

Instrument Type*	Instrument Trading Symbol	Instrument Name	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.	18-1-2019	7,8000	P	EUR	0,2900	0,2900	0,2900	1	0,2900	0,2900	0	10	21	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	15	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,0000	P	EUR	0,3700	0,3800	0,3600	3	0,3600	0,3800	0	22	74	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,2000	C	EUR	0,2600	0,2800	0,2600	2	0,2800	0,2700	0	11	62	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4900	0	0	106	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	39	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200	1	0	40	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,6000	C	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1600	0	15	30	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700	1	0	38	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	1	0	55	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9300	0	0	101	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	160	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	24	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	116	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	1	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	35	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	3	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	2	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	5	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	17	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	38	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	69	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0300	2	0	14	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	18	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5200	3	0	46	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	122	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0200	3	0	14	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	204	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0200	4	0	25	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	3	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200	5	0	0	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	WES	WESSANEN N.V.	18-1-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0200	6	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3900	1	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0800	1	0	2	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	2	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8100	1	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4300	0	0	25	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	5	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	7,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5200	1	0	10	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5900	1	0	14	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100	1	0	70	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300	1	0	1	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4200	0	0	36	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300	1	0	42	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500	0	0	133	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700	1	0	98	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000	0	0	1	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200	1	0	39	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600	0	0	35	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800	1	0	36	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100	0	0	22	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4300	1	0	12	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	6	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6000	2	0	68	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	15	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700	2	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	127	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	9,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000	0	0	111	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200	2	0	1	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	10,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	31	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	10,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000	3	0	13	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	38	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800	3	0	23	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	1	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0300	4	0	14	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-2-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0200	5	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0300	3	0	1	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	112	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200	2	0	180	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	10	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	6,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700	1	0	0	31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	6,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018

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	WES	WESSANEN N.V.	15-3-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100		1	0	90 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7300		1	0	394 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6200		1	0	1 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8400		1	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,4000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,4000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100		1	0	317 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	527 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,6000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4700		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,6000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,8000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	8,8000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2200		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	718 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	781 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,2000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3000		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,2000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	152 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7700		2	0	73 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	10,0000	C	EUR	0,1700	0,1700	0,1700	2	0,1700	0,1700		0	3	1485 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	10,0000	P	EUR	2,2000	2,2000	2,2000	1	2,2000	2,1900		2	2	755 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	412 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	11,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0900		3	0	507 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	2121 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,0700		4	0	2517 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	13,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	865 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	13,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0400		5	0	429 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	1733 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	14,0000	P	EUR	6,0200	6,0200	6,0200	1	6,0200	6,0300		6	1	854 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	436 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	16,0000	P	EUR	8,0200	8,0200	8,0200	1	8,0200	8,0300		8	1	322 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	17,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	721 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	17,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0300		9	0	108 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	310 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0300		10	0	147 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	19,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	110 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	19,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0300		11	0	27 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	6 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	20,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	12,0300		12	0	372 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	136 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0300		14	0	57 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,0300		16	0	16 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0800		3	0	15 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	20 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	6,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2300		2	0	37 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200		0	0	398 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5000		2	0	166 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000		1	0	512 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	7,5000	C	EUR	1,2000	1,2000	1,2000	1	1,2000	1,1900		1	5	5 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	7,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	147 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	8,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	184 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	8,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0600		1	0	404 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	8,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	65 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	8,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	161 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	9,0000	C	EUR	0,5400	0,5500	0,5400	3	0,5500	0,5700		1	5	174 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	9,0000	P	EUR	1,7000	1,7000	1,7000	1	1,7000	1,7000		2	2	384 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	9,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	150 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	9,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0700		2	0	347 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	10,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3500		0	0	299 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	393 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	11,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	418 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	11,0000	P	EUR	3,4000	3,4000	3,4000	1	3,4000	3,3500		3	1	603 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400		0	0	489 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2800		4	0	482 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	255 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1900		6	0	148 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	16,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	44 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	16,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1800		8	0	100 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	18,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	21-6-2019	18,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,1700		10	0	23 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	5,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1400		3	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	5,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	6,0000	C	EUR	2,3500	2,3500	2,3500	1	2,3500	2,3300		2	4	8 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	6,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	7,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	7,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	7,5000	C	EUR	0,0000	0,0000	0,							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	WES	WESSANEN N.V.	20-9-2019	10,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	12,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	12,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3700		4	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	14,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	0 31-12-2018
O	WES	WESSANEN N.V.	20-9-2019	14,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2500		6	0	0 31-12-2018
F	WG6	Italgas - Stock Future	17-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,9951		5	0	0 31-12-2018
F	WG6	Italgas - Stock Future	14-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,9937		5	0	0 31-12-2018
F	WG6	Italgas - Stock Future	14-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,9927		5	0	0 31-12-2018
F	WG6	Italgas - Stock Future	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,7713		5	0	0 31-12-2018
F	WG6	Italgas - Stock Future	19-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,7681		5	0	0 31-12-2018
F	WG6	Italgas - Stock Future	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,7654		5	0	0 31-12-2018
F	WG8	Italgas - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2130		0	0	0 31-12-2018
F	WG8	Italgas - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	0 31-12-2018
F	WG8	Italgas - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2270		0	0	0 31-12-2018
F	WG8	Italgas - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2270		0	0	0 31-12-2018
F	WG8	Italgas - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	0,2270		0	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	27,1846		27	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,5771		27	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,5720		27	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	26,0487		26	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	25,5314		26	0	0 31-12-2018
F	WH6	Wereldhave NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	24,8769		25	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	18 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	46	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3600		2	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	134	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400		2	0	7 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	25,5000	P	EUR	0,2700	0,2700	0,2300	3	0,2300	0,2400		0	53	57 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5200		2	0	27 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	460	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	19 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	26,5000	P	EUR	0,5000	0,5000	0,4200	3	0,4200	0,4500		0	12	240 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	27,0000	C	EUR	0,6000	0,7000	0,6000	2	0,7000	0,8000		1	8	579 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	27,0000	P	EUR	0,7400	0,7400	0,7400	1	0,7400	0,6100		1	1	136 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	27,5000	C	EUR	0,4500	0,4600	0,4500	3	0,4600	0,5300		1	20	166 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	74 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	28,0000	C	EUR	0,2800	0,3500	0,2800	7	0,3500	0,3200		0	269	328 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	28,0000	P	EUR	1,4500	1,4500	1,0600	3	1,0600	1,1300		1	21	263 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	28,5000	C	EUR	0,1400	0,1400	0,1400	2	0,1400	0,1900		0	6	32 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	28,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4800		1	0	29 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	195 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9100		2	0	150 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	29,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	74 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	29,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	107 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	152 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	180 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	31,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	182 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8200		4	0	99 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	144 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8200		5	0	94 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	27 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,8200		7	0	1 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8200		9	0	8 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	18-1-2019	38,0000	P	EUR	10,9000	10,9000	10,9000	1	10,9000	10,8200		11	1	8 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	23,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,2600		4	0	31 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3600		3	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4400		0	0	23 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	25,0000	C	EUR	2,3500	2,3500	2,3500	1	2,3500	2,5100		3	2	15 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	141 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7700		1	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7500		2	0	15 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200		1	0	114 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4000		1	0	2 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1200		1	0	149 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	27,0000	C	EUR	1,1000	1,1000	0,9700	3	1,0500	1,1000		1	5	5 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	165 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	27,5000	C	EUR	0,8000	0,8000	0,7500	2	0,7500	0,8500		1	3	13 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	1 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	28,0000	C	EUR	0,6000	0,6000	0,6000	1	0,6000	0,6300		1	1	39 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	102 31-12-2018
O	WHV	WERELDHAVE N.V.	15-2-2019	28,5000	C	EUR	0,4500	0,4500	0,4500							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date	
O	WHV	WERELDHAVE N.V.	15-2-2019	31,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4900		4	0	52 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	50 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,4700		5	0	21 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	20 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4300		7	0	31 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-2-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4300		9	0	1 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3000		7	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2100		0	0	43 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3600		5	0	93 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	52 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	23,0000	C	EUR	4,1000	4,1000	4,0500	-	2	4,0500	4,3900		4	5	0 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	23,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4900		3	0	58 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6100		1	0	538 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6200		3	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8700		1	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	25,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2200		2	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	25,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900		1	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8700		2	0	75 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	26,0000	P	EUR	1,3000	1,3000	1,2500	-	2	1,2500	1,1700		1	3	863 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	26,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	26,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3700		1	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	32 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6200		2	0	41 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	27,5000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0300		1	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	27,5000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9000		2	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	28,0000	C	EUR	0,7500	0,7500	0,7500	-	1	0,7500	0,8300		1	10	190 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	28,0000	P	EUR	2,1500	2,1500	2,1500	-	1	2,1500	2,1800		2	22	495 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5000		1	0	128 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8800		3	0	451 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	30,0000	C	EUR	0,2200	0,2900	0,2200	-	3	0,2900	0,2800		0	32	1078 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6900		4	0	779 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	558 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5200		6	0	403 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	695 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,4600		7	0	403 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	36,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	453 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	36,0000	P	EUR	9,4000	9,4000	9,4000	-	1	9,4000	9,4400		9	1	356 31-12-2018
O	WHV	WERELDHAVE N.V.	15-3-2019	38,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	151 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	38,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4400		11	0	411 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	23 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	13,4400		13	0	262 31-12-2018	
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 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4400		18	0	232 31-12-2018	
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 31-12-2018	
O	WHV	WERELDHAVE N.V.	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,4400		23	0	70 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2300		7	0	2 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	20,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600		0	0	3 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3800		5	0	315 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	14 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	24,0000	C	EUR	3,3500	3,3500	3,3500	-	1	3,3500	3,6400		4	10	121 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	143 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8400		3	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5700		2	0	0 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	26,0000	C	EUR	2,0500	2,0500	2,0500	-	3	2,0500	2,2000		2	50	63 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9700		2	0	496 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300		2	0	123 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	27,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4700		2	0	97 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	250 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	309 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	29,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8300		1	0	281 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	246 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	30,0000	C	EUR	0,5500	0,5500	0,5500	-	1	0,5500	0,5900		1	1	323 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	30,0000	P	EUR	4,5500	4,5500	4,5500	-	1	4,5500	4,5300		5	2	587 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	32,0000	C	EUR	0,2600	0,2600	0,2600	-	1	0,2600	0,2700		0	1	416 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	32,0000	P	EUR	6,5000	6,5000	6,4000	-	2	6,4000	6,2600		6	3	445 31-12-2018
O	WHV	WERELDHAVE N.V.	21-6-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200		0	0	571 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,1400		8	0	449 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	36,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	283 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	36,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,0900		10	0	459 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	26 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0100		14	0	360 31-12-2018	
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 31-12-2018	
O	WHV	WERELDHAVE N.V.	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,9900		19	0	267 31-12-2018	
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 31-1	

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	WHV	WERELDHAVE N.V.	20-9-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400		3	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	26,0000	C	EUR	2,3000	2,3000	2,3000	1	2,3000	2,3500		2	1	241 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6000		3	0	454 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300		2	0	4 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	27,0000	P	EUR	3,3500	3,3500	3,3000	5	3,3000	3,1500		3	100	226 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	28,0000	C	EUR	1,3500	1,3500	1,3500	1	1,3500	1,3800		1	1	138 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	191 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	29,0000	C	EUR	1,0000	1,0500	1,0000	4	1,0500	1,0300		1	11	139 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	29,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4800		4	0	73 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	30,0000	C	EUR	0,7000	0,7500	0,7000	2	0,7500	0,7600		1	11	280 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	30,0000	P	EUR	5,5000	5,5000	5,5000	1	5,5000	5,2300		5	5	286 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	32,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4000		0	0	292 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	32,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,9100		7	0	398 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	34,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900		0	0	97 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	34,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8100		9	0	333 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	384 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,7400		10	0	594 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,5600		15	0	353 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5300		20	0	212 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	24,5300		25	0	248 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	20,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3600		7	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	20,0000	P	EUR	1,1500	1,1500	1,0000	4	1,0000	0,9600		1	6	8 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	22,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5100		6	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	22,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4900		1	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	24,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7700		4	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	24,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1900		2	0	9 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0700		3	0	5 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6500		3	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	26,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4200		2	0	25 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	26,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1700		3	0	9 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	27,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9300		2	0	73 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	27,0000	P	EUR	3,9500	3,9500	3,9500	1	3,9500	3,7800		4	5	16 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5300		2	0	9 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,4300		4	0	21 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	30,0000	C	EUR	0,8000	0,8500	0,8000	3	0,8500	0,8900		1	7	13 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9300		6	0	40 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2500		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3800		10	0	32 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,2200		15	0	25 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WHV	WERELDHAVE N.V.	20-12-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1900		20	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	51,6497		52	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	51,6352		52	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	51,6254		52	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	51,0499		51	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	50,7455		51	0	0 31-12-2018
F	WK6	Wolters Kluwer NV - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	50,7162		51	0	0 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
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 31-12-2018
F	WK8	Wolters Kluwer - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,6600		10	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	42,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,6800		8	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300		0	0	11 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7300		6	0	2 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	46,0000	P	EUR	0,0800	0,0800	0,0800	1	0,0800	0,0800		0	1	30 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	3 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	48,0000	P	EUR	0,2100	0,2100	0,2100	1	0,2100	0,2100		0	3	45 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9900		3	0	1 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3400		0	0	12 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2100		2	0	5 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	50,0000	P	EUR	0,5700	0,5700	0,5700	1	0,5700	0,5600		1	2	186 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	51,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	16 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8600		1	0	50 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	52,0000	C	EUR	0,8200	0,8700	0,8200	3	0,8600	0,9700		1	5	148 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	70 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	53,0000	C	EUR	0,5200	0,5200	0,5200	1	0,5200	0,5700		1	1	73 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	53,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9200		2	0	86 31-12-2018
O	WKL	WOLTERS-KLUWER	18-1-2019	54,0000	C	EUR	0,2800	0,2800	0,2800	1	0,2800	0,3200		0	1	37 31-12-2018
O	WKL	WOLTERS-KLUWER</														

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	15-2-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8200	8	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	44,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9600	6	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3200	0	0	7	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	48,0000	C	EUR	4,0500	4,0500	4,0500	1	4,0500	4,2400	4	1	1	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	11	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600	3	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7400	3	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1000	1	0	37	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	51,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100	2	0	2	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4700	1	0	101	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	4	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9500	2	0	40	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	53,0000	C	EUR	1,0500	1,1500	1,0500	3	1,1500	1,1500	1	3	144	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	53,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,5100	3	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8000	1	0	20	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,1600	3	0	10	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	55,0000	C	EUR	0,5100	0,5100	0,5100	1	0,5100	0,5400	1	2	35	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,9100	4	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	10	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	56,0000	P	EUR	4,8000	4,8000	4,7000	2	4,7000	4,7400	5	4	4	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1400	0	0	6	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,5100	7	0	1	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500	0	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-2-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4200	8	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	28,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,6600	24	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	28,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6600	22	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	34	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,6900	17	0	10	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	232	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,7700	12	0	1	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1300	0	0	68	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	42,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8500	10	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	42,0000	P	EUR	0,2200	0,2200	0,2200	1	0,2200	0,2100	0	1	72	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	44,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,0000	8	0	3	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	44,0000	P	EUR	15,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	95	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2300	6	0	90	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,6000	1	0	90	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6200	5	0	145	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	64	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	49,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8800	4	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	49,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2500	1	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200	3	0	304	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5900	2	0	246	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	51,0000	C	EUR	2,4900	2,4900	2,4900	1	2,4900	2,6200	3	1	1	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	51,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900	2	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	52,0000	C	EUR	2,0000	2,0800	2,0000	2	2,0800	2,0900	2	5	93	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,4600	2	0	64	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	53,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,6300	2	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	53,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,0100	3	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2600	1	0	80	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,6400	4	0	26	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9500	1	0	287	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3300	4	0	7	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7100	1	0	96	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,0800	5	0	11	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3700	0	0	56	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,7500	7	0	6	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2000	0	0	122	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,5800	9	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	70,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,4000	18	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	15-3-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,3900	28	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	25,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,6600	27	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	25,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	46	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6800	22	0	0	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	30,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	48	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7300	17	0	11	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800	0	0	238	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9300	12	0	56	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4800	0	0	267	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5200	8	0	223	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2100	1	0	436	31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	46,0000	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	WKL	WOLTERS-KLUWER	21-6-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	273 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	18 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,6200		6	0	67 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4100		1	0	31 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,3400		6	0	2 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	58,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9400		1	0	26 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	58,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8900		8	0	12 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	60,0000	C	EUR	0,5800	0,5800	0,5800	1	0,5800	0,6100		1	1	78 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5700		10	0	54 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,0700		19	0	10 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	21-6-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,0000		29	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,7600		17	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0500		12	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,8200		1	0	8 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,8500		8	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	11 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	46,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1100		7	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	46,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,1100		2	0	38 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7900		6	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8600		3	0	16 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,5700		5	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7000		4	0	18 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	52,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5200		4	0	21 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6900		5	0	6 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,6700		3	0	22 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8700		6	0	5 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	56,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	70 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	56,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,2200		7	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0700		1	0	33 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,3300		10	0	9 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2300		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5300		20	0	29 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-9-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,3800		29	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6900		22	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	30,0000	P	EUR	0,2600	0,2600	0,2600	1	0,2600	0,2500		0	13	21 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8200		17	0	1 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600		1	0	102 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,2500		12	0	41 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	40,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,1900		1	0	81 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,2500		8	0	157 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	163 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	48,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2500		6	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	48,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,1000		5	0	103 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	50,0000	P	EUR	4,3400	4,3400	4,3400	2	4,3400	4,3300		4	4	111 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	52,0000	C	EUR	3,9700	3,9700	3,9700	3	3,9700	4,0900		4	14	14 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	52,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,3400		5	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	54,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2200		3	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	54,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4900		6	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	55,0000	C	EUR	2,8000	2,8000	2,8000	1	2,8000	2,8500		3	2	216 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,1300		7	0	25 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,5100		2	0	241 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8100		11	0	2 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	70,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3900		0	0	31 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	70,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7300		20	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	20-12-2019	80,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	29,4700		29	0	0 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	30,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,7100		22	0	12 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	30,0000	P	EUR	0,4400	0,4600	0,4400	3	0,4400	0,4900		0	24	58 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	35,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,9300		17	0	5 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	35,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0100		1	0	55 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	40,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5900		13	0	13 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	40,0000	P	EUR	1,9800	1,9800	1,9800	1	1,9800	1,9400		2	10	250 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	45,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,8700		9	0	28 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	45,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4000		3	0	122 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	50,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,8800		6	0	29 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	50,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,5300		6	0	112 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	55,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,7200		4	0	133 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	55,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,4500		8	0	125 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	60,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	475 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	60,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,0200		12	0	1 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	80,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800		0	0	10 31-12-2018
O	WKL	WOLTERS-KLUWER	19-6-2020	80,00												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	WM6	Morrison (WM) Supermarkets - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	213,3300	213	0	0	31-12-2018
F	WM6	Morrison (WM) Supermarkets - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	213,4600	213	0	0	31-12-2018
F	WM6	Morrison (WM) Supermarkets - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	213,6500	214	0	0	31-12-2018
F	WM6	Morrison (WM) Supermarkets - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	209,4900	209	0	0	31-12-2018
F	WM6	Morrison (WM) Supermarkets - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	210,0100	210	0	0	31-12-2018
F	WM6	Morrison (WM) Supermarkets - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	208,4800	208	0	0	31-12-2018
F	WM8	WM Morrison Supermarkets - Dividend Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	6,7300	7	0	0	31-12-2018
F	WM8	WM Morrison Supermarkets - Dividend Future	18-12-2020	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	7,4000	7	0	0	31-12-2018
F	WM8	WM Morrison Supermarkets - Dividend Future	17-12-2021	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	7,8000	8	0	0	31-12-2018
F	WM8	WM Morrison Supermarkets - Dividend Future	16-12-2022	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	7,8000	8	0	0	31-12-2018
F	WM8	WM Morrison Supermarkets - Dividend Future	15-12-2023	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	7,8000	8	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	5007,0500	5007	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	5010,2600	5010	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	5014,5400	5015	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	4972,1400	4972	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	4984,6300	4985	0	0	31-12-2018
F	WO6	Ferguson - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	4886,4400	4886	0	0	31-12-2018
F	WP6	WPP - Stock Future	18-1-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	865,1200	865	0	0	31-12-2018
F	WP6	WPP - Stock Future	15-2-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	865,6700	866	0	0	31-12-2018
F	WP6	WPP - Stock Future	15-3-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	866,4100	866	0	0	31-12-2018
F	WP6	WPP - Stock Future	21-6-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	830,8000	831	0	0	31-12-2018
F	WP6	WPP - Stock Future	20-9-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	832,8900	833	0	0	31-12-2018
F	WP6	WPP - Stock Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	811,5100	812	0	0	31-12-2018
F	WP8	WPP - Dividend Future	20-12-2019	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	68,5000	69	0	0	31-12-2018
F	WP8	WPP - Dividend Future	18-12-2020	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	72,5000	73	0	0	31-12-2018
F	WP8	WPP - Dividend Future	17-12-2021	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	75,5000	76	0	0	31-12-2018
F	WP8	WPP - Dividend Future	16-12-2022	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	75,5000	76	0	0	31-12-2018
F	WP8	WPP - Dividend Future	15-12-2023	0,0000	GBX	0,0000	0,0000	0,0000	0,0000	-	0,0000	75,5000	76	0	0	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	18-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,4743	18	0	0	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	15-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,4691	18	0	0	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	15-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	18,4656	18	0	8000	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	21-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4997	17	0	0	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	20-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4879	17	0	0	31-12-2018
F	WQ6	BE Semiconductor Industries NV - Stock Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	17,4778	17	0	0	31-12-2018
F	WS6	SNAM - Stock Future	17-1-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,8183	4	0	0	31-12-2018
F	WS6	SNAM - Stock Future	14-2-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,7289	4	0	0	31-12-2018
F	WS6	SNAM - Stock Future	14-3-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,7282	4	0	0	31-12-2018
F	WS6	SNAM - Stock Future	20-6-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,7249	4	0	0	31-12-2018
F	WS6	SNAM - Stock Future	19-9-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,5901	4	0	0	31-12-2018
F	WS6	SNAM - Stock Future	19-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	3,5880	4	0	0	31-12-2018
F	WS8	SNAM - Dividend Future	20-12-2019	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2075	0	0	2250	31-12-2018
F	WS8	SNAM - Dividend Future	18-12-2020	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,2175	0	0	1150	31-12-2018
F	WS8	SNAM - Dividend Future	17-12-2021	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,1850	0	0	400	31-12-2018
F	WS8	SNAM - Dividend Future	16-12-2022	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,1850	0	0	70	31-12-2018
F	WS8	SNAM - Dividend Future	15-12-2023	0,0000	EUR	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,1850	0	0	0	31-12-2018
F	YA6	Yara International - Stock Future	18-1-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	333,7249	334	0	0	31-12-2018
F	YA6	Yara International - Stock Future	15-2-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	334,0090	334	0	0	31-12-2018
F	YA6	Yara International - Stock Future	15-3-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	334,3900	334	0	0	31-12-2018
F	YA6	Yara International - Stock Future	21-6-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	329,1900	329	0	0	31-12-2018
F	YA6	Yara International - Stock Future	20-9-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	330,7044	331	0	0	31-12-2018
F	YA6	Yara International - Stock Future	20-12-2019	0,0000	NOK	0,0000	0,0000	0,0000	0,0000	-	0,0000	332,1463	332	0	0	31-12-2018
F	YC8	Bank Of America - Dividend Future	18-1-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
F	YC8	Bank Of America - Dividend Future	17-1-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,8200	1	0	0	31-12-2018
F	YC8	Bank Of America - Dividend Future	15-1-2021	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
F	YC8	Bank Of America - Dividend Future	21-1-2022	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
F	YC8	Bank Of America - Dividend Future	20-1-2023	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	0,9800	1	0	0	31-12-2018
F	YD8	Procter & Gamble - Dividend Future	18-1-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,8688	3	0	0	31-12-2018
F	YD8	Procter & Gamble - Dividend Future	17-1-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,9264	3	0	0	31-12-2018
F	YD8	Procter & Gamble - Dividend Future	15-1-2021	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,9264	3	0	0	31-12-2018
F	YD8	Procter & Gamble - Dividend Future	21-1-2022	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,9264	3	0	0	31-12-2018
F	YD8	Procter & Gamble - Dividend Future	20-1-2023	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,9264	3	0	0	31-12-2018
F	YE8	Pfizer - Dividend Future	18-1-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,3600	1	0	0	31-12-2018
F	YE8	Pfizer - Dividend Future	17-1-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,4400	1	0	0	31-12-2018
F	YE8	Pfizer - Dividend Future	15-1-2021	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
F	YE8	Pfizer - Dividend Future	21-1-2022	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
F	YE8	Pfizer - Dividend Future	20-1-2023	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	1,5200	2	0	0	31-12-2018
F	YF8	Chevron - Dividend Future	18-1-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,4800	4	0	0	31-12-2018
F	YF8	Chevron - Dividend Future	17-1-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,4800	4	0	0	31-12-2018
F	YF8	Chevron - Dividend Future	15-1-2021	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,6400	5	0	0	31-12-2018
F	YF8	Chevron - Dividend Future	21-1-2022	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,6400	5	0	0	31-12-2018
F	YF8	Chevron - Dividend Future	20-1-2023	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	4,6400	5	0	0	31-12-2018
F	YG8	Verizon Communications - Dividend Future	18-1-2019	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,3850	2	0	0	31-12-2018
F	YG8	Verizon Communications - Dividend Future	17-1-2020	0,0000	USD	0,0000	0,0000	0,0000	0,0000	-	0,0000	2,4350	2	0	0	31-12-2018
F	YG8	Verizon Communications - Dividend Future														

Instrument Type*	Instrument Trading Symbol	Instrument 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	YI6	YIT OYJ - Stock Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8141		5	0	31-12-2018
F	YI6	YIT OYJ - Stock Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	4,8113		5	0	31-12-2018
F	YJ8	Comcast Corp-Class A - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,7600		1	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	YK8	AENA SME - Dividend Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	6,9000		7	0	31-12-2018
F	YK8	AENA SME - Dividend Future	18-12-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,3000		7	0	31-12-2018
F	YK8	AENA SME - Dividend Future	17-12-2021	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,4000		7	0	31-12-2018
F	YK8	AENA SME - Dividend Future	16-12-2022	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5000		8	0	31-12-2018
F	YK8	AENA SME - Dividend Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	7,5000		8	0	31-12-2018
F	YL8	Merck & Co - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,9900		2	0	31-12-2018
F	YL8	Merck & Co - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,9700		2	0	31-12-2018
F	YL8	Merck & Co - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	31-12-2018
F	YL8	Merck & Co - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	31-12-2018
F	YL8	Merck & Co - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0100		2	0	31-12-2018
F	YM8	Intel - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2000		1	0	31-12-2018
F	YM8	Intel - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
F	YM8	Intel - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018
F	YM8	Intel - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018
F	YM8	Intel - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2800		1	0	31-12-2018
F	YN8	Cisco Systems - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	31-12-2018
F	YN8	Cisco Systems - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	31-12-2018
F	YN8	Cisco Systems - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	31-12-2018
F	YN8	Cisco Systems - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	31-12-2018
F	YN8	Cisco Systems - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	31-12-2018
F	YOB	Citigroup - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,5400		2	0	31-12-2018
F	YOB	Citigroup - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	31-12-2018
F	YOB	Citigroup - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	31-12-2018
F	YOB	Citigroup - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	31-12-2018
F	YOB	Citigroup - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2500		1	0	31-12-2018
F	YP8	Visa Inc - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8800		1	0	31-12-2018
F	YP8	Visa Inc - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	YP8	Visa Inc - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	YP8	Visa Inc - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	YP8	Visa Inc - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	31-12-2018
F	YOB	Walt Disney - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,7200		2	0	31-12-2018
F	YOB	Walt Disney - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	31-12-2018
F	YOB	Walt Disney - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	YOB	Walt Disney - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	YOB	Walt Disney - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	YR8	Coca-Cola - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,5600		2	0	31-12-2018
F	YR8	Coca-Cola - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,6800		2	0	31-12-2018
F	YR8	Coca-Cola - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8000		2	0	31-12-2018
F	YR8	Coca-Cola - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8800		2	0	31-12-2018
F	YR8	Coca-Cola - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8800		2	0	31-12-2018
F	YS6	Barclays - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	150,5700		151	0	31-12-2018
F	YS6	Barclays - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	150,6700		151	0	31-12-2018
F	YS6	Barclays - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	147,3000		147	0	31-12-2018
F	YS6	Barclays - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	147,6700		148	0	31-12-2018
F	YS6	Barclays - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	145,6400		146	0	31-12-2018
F	YS6	Barclays - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	146,0200		146	0	31-12-2018
F	YS8	Barclays - Dividend Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	31-12-2018
F	YS8	Barclays - Dividend Future	18-12-2020	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	31-12-2018
F	YS8	Barclays - Dividend Future	17-12-2021	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	31-12-2018
F	YS8	Barclays - Dividend Future	16-12-2022	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	31-12-2018
F	YS8	Barclays - Dividend Future	15-12-2023	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	4,2000		4	0	31-12-2018
F	YT8	Pepsico - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5870		4	0	31-12-2018
F	YT8	Pepsico - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,6200		4	0	31-12-2018
F	YT8	Pepsico - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,8600		4	0	31-12-2018
F	YT8	Pepsico - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	31-12-2018
F	YT8	Pepsico - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	31-12-2018
F	YU8	UnitedHealth - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,4500		3	0	31-12-2018
F	YU8	UnitedHealth - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5250		4	0	31-12-2018
F	YU8	UnitedHealth - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,8250		4	0	31-12-2018
F	YU8	UnitedHealth - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	31-12-2018
F	YU8	UnitedHealth - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,9900		4	0	31-12-2018
F	YV8	IBM - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	31-12-2018
F	YV8	IBM - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,7000		7	0	31-12-2018
F	YV8	IBM - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,1000		7	0	31-12-2018
F	YV8	IBM - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,5000		8	0	31-12-2018
F	YV8	IBM - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,5000		8	0	31-12-2018
F	YW8	Altria Group - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0000		3	0	31-12-2018
F	YW8	Altria Group - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,9000		3	0	31-12-2018
F	YW8	Altria Group - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1000		3	0	31-12-2018
F	YW8	Altria Group - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	31-12-2018
F	YW8	Altria Group - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,3000		3	0	31-12-2018
F	YX8	Oracle - Dividend Future	18-1-2019	0,0000												

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	YY8	Amgen - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,4800		6	0	31-12-2018
F	YY8	Amgen - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,4800		6	0	31-12-2018
F	YY8	Amgen - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,4800		6	0	31-12-2018
F	ZB8	3M - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	5,4400		5	0	31-12-2018
F	ZB8	3M - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	5,5600		6	0	31-12-2018
F	ZB8	3M - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	5,6000		6	0	31-12-2018
F	ZB8	3M - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	5,9000		6	0	31-12-2018
F	ZB8	3M - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	5,9000		6	0	31-12-2018
F	ZC8	Medtronic - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,9600		2	0	31-12-2018
F	ZC8	Medtronic - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,1500		2	0	31-12-2018
F	ZC8	Medtronic - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	31-12-2018
F	ZC8	Medtronic - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	31-12-2018
F	ZC8	Medtronic - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,3500		2	0	31-12-2018
F	ZD8	Schlumberger - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0000		2	0	31-12-2018
F	ZD8	Schlumberger - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4000		2	0	31-12-2018
F	ZD8	Schlumberger - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,6000		3	0	31-12-2018
F	ZD8	Schlumberger - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZD8	Schlumberger - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZE8	Walmart Inc. - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	31-12-2018
F	ZE8	Walmart Inc. - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	31-12-2018
F	ZE8	Walmart Inc. - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	31-12-2018
F	ZE8	Walmart Inc. - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	ZE8	Walmart Inc. - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	ZF8	McDonalds - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,1900		4	0	31-12-2018
F	ZF8	McDonalds - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,3900		4	0	31-12-2018
F	ZF8	McDonalds - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,6700		5	0	31-12-2018
F	ZF8	McDonalds - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,9500		5	0	31-12-2018
F	ZF8	McDonalds - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	4,9500		5	0	31-12-2018
F	ZG8	Mastercard - A - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,0800		1	0	31-12-2018
F	ZG8	Mastercard - A - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,2100		1	0	31-12-2018
F	ZG8	Mastercard - A - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
F	ZG8	Mastercard - A - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
F	ZG8	Mastercard - A - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
F	ZH8	AbbVie - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,9500		4	0	31-12-2018
F	ZH8	AbbVie - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1900		3	0	31-12-2018
F	ZH8	AbbVie - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,4700		3	0	31-12-2018
F	ZH8	AbbVie - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	31-12-2018
F	ZH8	AbbVie - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,7500		4	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	18-1-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	292,9724		293	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	15-2-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	292,8840		293	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	15-3-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	292,7763		293	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	21-6-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	273,4758		273	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	20-9-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	273,2289		273	0	31-12-2018
F	ZI6	Zurich Insurance Group - Stock Future	20-12-2019	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	272,9230		273	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	ZI8	Zurich Insurance Group - Dividend Future	15-12-2023	0,0000		CHF	0,0000	0,0000	0,0000	-	0,0000	17,8700		18	0	31-12-2018
F	ZI8	Boeing - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,8400		7	0	31-12-2018
F	ZI8	Boeing - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,3600		7	0	31-12-2018
F	ZI8	Boeing - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	8,0800		8	0	31-12-2018
F	ZI8	Boeing - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	8,8000		9	0	31-12-2018
F	ZI8	Boeing - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	8,8000		9	0	31-12-2018
F	ZK8	Honeywell International - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0550		3	0	31-12-2018
F	ZK8	Honeywell International - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,4400		3	0	31-12-2018
F	ZK8	Honeywell International - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,6800		4	0	31-12-2018
F	ZK8	Honeywell International - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,6800		4	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	ZM8	Gilead Sciences - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2800		2	0	31-12-2018
F	ZM8	Gilead Sciences - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	31-12-2018
F	ZM8	Gilead Sciences - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2000		2	0	31-12-2018
F	ZM8	Gilead Sciences - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	31-12-2018
F	ZM8	Gilead Sciences - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,2400		2	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	18-1-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5875,1400		5875	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	15-2-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5878,9100		5879	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	15-3-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5733,4400		5733	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	21-6-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5747,9700		5748	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	20-9-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5693,1900		5693	0	31-12-2018
F	ZN6	AstraZeneca - Stock Future	20-12-2019	0,0000		GBX	0,0000	0,0000	0,0000	-	0,0000	5708,0300		5708	0	31-12-2018
F	ZN8	AstraZeneca - Dividend Future	20-12-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZN8	AstraZeneca - Dividend Future	18-12-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZN8	AstraZeneca - Dividend Future	17-12-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZN8	AstraZeneca - Dividend Future	16-12-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
F	ZQ8	Broadcom - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,9000		8	0	31-12-2018
F	ZQ8	Broadcom - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,2100		6	0	31-12-2018
F	ZQ8	Broadcom - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	6,9300		7	0	31-12-2018
F	ZQ8	Broadcom - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,6500		8	0	31-12-2018
F	ZQ8	Broadcom - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	7,6500		8	0	31-12-2018
F	ZR8	Union Pacific - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0600		3	0	31-12-2018
F	ZR8	Union Pacific - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	31-12-2018
F	ZR8	Union Pacific - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,0500		3	0	31-12-2018
F	ZR8	Union Pacific - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	31-12-2018
F	ZR8	Union Pacific - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,2500		3	0	31-12-2018
F	Z58	Goldman Sachs Group - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,1500		3	0	31-12-2018
F	Z58	Goldman Sachs Group - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,2400		3	0	31-12-2018
F	Z58	Goldman Sachs Group - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,3900		3	0	31-12-2018
F	Z58	Goldman Sachs Group - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	31-12-2018
F	Z58	Goldman Sachs Group - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	3,5400		4	0	31-12-2018
F	ZT8	Starbucks - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	31-12-2018
F	ZT8	Starbucks - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4500		1	0	31-12-2018
F	ZT8	Starbucks - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	31-12-2018
F	ZT8	Starbucks - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	31-12-2018
F	ZT8	Starbucks - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,8500		2	0	31-12-2018
F	ZU8	Qualcomm - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4300		2	0	31-12-2018
F	ZV8	United Technologies - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8350		3	0	31-12-2018
F	ZV8	United Technologies - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8000		3	0	31-12-2018
F	ZV8	United Technologies - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,8800		3	0	31-12-2018
F	ZV8	United Technologies - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,9600		3	0	31-12-2018
F	ZV8	United Technologies - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,9600		3	0	31-12-2018
F	ZW8	US Bancorp - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3400		1	0	31-12-2018
F	ZW8	US Bancorp - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,3200		1	0	31-12-2018
F	ZW8	US Bancorp - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
F	ZW8	US Bancorp - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
F	ZW8	US Bancorp - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	1,4200		1	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	ZY8	Texas Instruments - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,6300		3	0	31-12-2018
F	ZY8	Texas Instruments - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	31-12-2018
F	ZY8	Texas Instruments - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	31-12-2018
F	ZY8	Texas Instruments - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	31-12-2018
F	ZY8	Texas Instruments - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,4800		2	0	31-12-2018
F	ZZ8	CVS Health - Dividend Future	18-1-2019	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	ZZ8	CVS Health - Dividend Future	17-1-2020	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	ZZ8	CVS Health - Dividend Future	15-1-2021	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	ZZ8	CVS Health - Dividend Future	21-1-2022	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018
F	ZZ8	CVS Health - Dividend Future	20-1-2023	0,0000		USD	0,0000	0,0000	0,0000	-	0,0000	2,5000		3	0	31-12-2018

* 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	4-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	487,8400		488	0	0	31-12-2018
F	2FT	AEX Index Weekly Future - Week 2	11-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	487,7900		488	0	0	31-12-2018
F	4FT	AEX Index Weekly Future - Week 4	25-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	486,7200		487	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	458,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	29,8500		30	0	2	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	458,0000	P	EUR	0,0200	0,0200	0,0200	2	0,0200	0,0100		0	2	34	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,8500		28	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	460,0000	P	EUR	0,0200	0,0200	0,0200	5	0,0200	0,0100		0	7	41	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	462,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,8500		26	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	462,0000	P	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0100		0	1	15	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	464,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,8600		24	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	464,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	56	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	466,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8600		22	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	466,0000	P	EUR	0,0600	0,0600	0,0300	4	0,0300	0,0200		0	8	32	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	468,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,8700		20	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	468,0000	P	EUR	0,0800	0,0900	0,0400	7	0,0400	0,0300		0	23	18	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	470,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8900		18	0	51	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	470,0000	P	EUR	0,1100	0,1100	0,0500	7	0,0500	0,0400		0	9	58	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	471,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,8900		17	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	471,0000	P	EUR	0,1000	0,1100	0,0500	5	0,0500	0,0500		0	17	53	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	472,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,9100		16	0	2	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	472,0000	P	EUR	0,1300	0,1300	0,0700	4	0,0800	0,0600		0	12	16	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	473,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	14,9200		15	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	473,0000	P	EUR	0,1600	0,1600	0,1000	2	0,1000	0,0800		0	8	12	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	474,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,9400		14	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	474,0000	P	EUR	0,2300	0,2700	0,1100	5	0,1100	0,0900		0	23	52	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	475,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,9600		13	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	475,0000	P	EUR	0,3300	0,3500	0,1100	13	0,1400	0,1100		0	37	55	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	476,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9900		12	0	11	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	476,0000	P	EUR	0,3400	0,5100	0,1200	20	0,1800	0,1400		0	93	94	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	477,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0400		11	0	1	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	477,0000	P	EUR	0,4200	0,5000	0,2000	4	0,2000	0,1900		0	41	97	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	478,0000	C	EUR	8,3500	9,5500	8,3500	3	9,5500	10,0900		10	3	3	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	478,0000	P	EUR	0,3000	0,7200	0,2300	29	0,2600	0,2400		0	116	102	31-12-2018

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	A2	AEX Daily Option - 2nd	2-1-2019	479,0000	C	EUR	7,4500	7,4500	7,4500	1	7,4500	9,1500	9	1	23	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	479,0000	P	EUR	0,7500	0,7500	0,3000	10	0,3700	0,3000	0	39	33	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	480,0000	C	EUR	6,5000	7,5500	6,5000	3	7,5500	8,2300	8	5	72	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	480,0000	P	EUR	0,8000	1,0000	0,3700	42	0,4600	0,3900	0	152	149	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	481,0000	C	EUR	7,8000	7,8000	6,7000	3	6,7000	7,3400	7	6	7	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	481,0000	P	EUR	1,2000	1,2200	0,4800	13	0,4800	0,5000	1	23	99	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	482,0000	C	EUR	5,4500	5,4500	5,4500	1	5,4500	6,4900	6	1	47	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	482,0000	P	EUR	1,2800	1,2800	0,6200	22	0,7700	0,6400	1	151	159	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	483,0000	C	EUR	5,1000	5,1000	5,1000	1	5,1000	5,6600	6	1	3	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	483,0000	P	EUR	1,6500	1,9000	0,8000	14	0,8900	0,8200	1	76	53	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	484,0000	C	EUR	3,6500	5,3200	3,4500	19	4,5000	4,8800	5	65	106	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	484,0000	P	EUR	1,9000	1,9000	0,9700	10	1,2000	1,0300	1	34	51	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	485,0000	C	EUR	3,0000	4,6000	2,6500	17	3,9000	4,1500	4	52	14	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	485,0000	P	EUR	2,2000	2,6500	1,2600	20	1,4500	1,3000	1	53	29	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	486,0000	C	EUR	2,5500	3,8700	2,1500	25	3,2500	3,4300	3	47	100	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	486,0000	P	EUR	2,7000	2,7400	1,5000	29	1,9900	1,5800	2	44	26	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	487,0000	C	EUR	1,9500	2,8500	1,9500	9	2,8000	2,8000	3	28	23	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	487,0000	P	EUR	3,7000	3,7000	1,8000	14	2,1000	1,9500	2	44	24	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	488,0000	C	EUR	1,5000	2,7000	1,4500	59	2,1000	2,2400	2	322	144	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	488,0000	P	EUR	3,9000	3,9000	2,1800	25	2,7000	2,3900	2	36	20	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	489,0000	C	EUR	1,6000	1,8000	1,6000	3	1,8000	1,7600	2	3	1	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	489,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9100	3	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	490,0000	C	EUR	0,9200	1,6000	0,7400	96	1,4300	1,3200	1	315	213	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	490,0000	P	EUR	3,3000	3,5000	3,3000	3	3,5000	3,4800	3	3	7	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	491,0000	C	EUR	0,8000	0,9600	0,8000	3	0,9600	0,9800	1	27	27	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	491,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1300	4	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	492,0000	C	EUR	0,5000	0,8600	0,4000	59	0,7400	0,7300	1	164	84	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	492,0000	P	EUR	5,4000	5,4000	5,2500	2	5,2500	4,8900	5	2	8	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	494,0000	C	EUR	0,2000	0,4200	0,2000	51	0,3200	0,3300	0	147	138	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	494,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,4900	6	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	496,0000	C	EUR	0,1100	0,2000	0,0900	20	0,1300	0,1500	0	50	71	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	496,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3000	8	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	498,0000	C	EUR	0,0600	0,1000	0,0400	14	0,0400	0,0700	0	78	89	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	498,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2200	10	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	500,0000	C	EUR	0,0400	0,0400	0,0200	5	0,0200	0,0200	0	15	14	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,1800	12	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	502,0000	C	EUR	0,0200	0,0200	0,0200	2	0,0200	0,0100	0	2	2	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	502,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1600	14	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	504,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	A2	AEX Daily Option - 2nd	2-1-2019	504,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1600	16	0	0	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	137,7800	138	0	102	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	350,0000	P	EUR	0,0200	0,0400	0,0200	4	0,0400	0,0300	0	23	325	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	360,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	127,8000	128	0	19	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	360,0000	P	EUR	0,0600	0,0600	0,0600	1	0,0600	0,0500	0	15	740	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	107,8300	108	0	25	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	380,0000	P	EUR	0,1000	0,1000	0,1000	2	0,1000	0,0800	0	2	1085	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	400,0000	C	EUR	86,0000	86,0000	86,0000	1	86,0000	87,8900	88	1	126	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	400,0000	P	EUR	0,2000	0,2000	0,1500	11	0,1500	0,1600	0	230	891	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	410,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,9500	78	0	0	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	410,0000	P	EUR	0,2700	0,2700	0,2100	8	0,2100	0,2200	0	18	116	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	420,0000	C	EUR	66,2000	68,5000	66,0000	11	67,5000	68,0500	68	11	48	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	420,0000	P	EUR	0,3900	0,3900	0,3000	13	0,3100	0,3100	0	39	1023	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	430,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	58,1700	58	0	11	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	430,0000	P	EUR	0,5500	0,5600	0,4300	33	0,4300	0,4300	0	262	1109	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	435,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	53,2800	53	0	0	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	435,0000	P	EUR	0,6500	0,6700	0,5400	19	0,5500	0,5500	1	48	466	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	440,0000	C	EUR	47,5000	48,7500	47,5000	2	48,7500	48,4100	48	2	39	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	440,0000	P	EUR	0,8100	0,8800	0,6600	26	0,6600	0,6800	1	122	1205	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	445,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	43,5900	44	0	4	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	445,0000	P	EUR	1,0300	1,0300	0,8400	27	0,8700	0,8600	1	109	220	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	450,0000	C	EUR	37,9000	39,2300	37,9000	11	38,2500	38,8300	39	67	205	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	450,0000	P	EUR	1,4000	1,4300	1,0600	39	1,1000	1,1000	1	142	885	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	455,0000	C	EUR	33,6000	33,6000	33,6000	1	33,6000	34,1500	34	1	32	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	455,0000	P	EUR	1,8200	1,8200	1,3700	69	1,4800	1,4300	1	436	664	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	460,0000	C	EUR	29,9000	29,9000	29,9000	1	29,9000	29,6500	30	1	418	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	460,0000	P	EUR	2,2500	2,4000	1,8000	72	1,8500	1,9200	2	193	1022	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	465,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	25,1900	25	0	61	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	465,0000	P	EUR	2,9000	3,0500	2,3500	54	2,4700	2,4700	2	162	794	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	470,0000	C	EUR	19,9000	21,1000	19,5000	11	20,3000	20,9800	21	55	453	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	470,0000	P	EUR	4,0000	4,1000	3,1500	86	3,2500	3,2500	3	558	1240	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	475,0000	C	EUR	15,8500	17,3200	15,4000	15	16,5500	17,0600	17	22	1187	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	475,0000	P	EUR	5,0500	5,3500	4,1800	64	4,4000	4,3300	4	595	1719	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	480,0000	C	EUR	12,2500	13,8000	11,8000	25	12,8500	13,4300	13	47	2170	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	480,0000	P	EUR	6,7000	6,9000	5,4700	87	5,7500	5,7100	6	279	2316	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	485,0000	C	EUR	9,5000	10,4700	8,8500	62	9,8300	10,2000	10	244	1120	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	485,0000	P	EUR	8,6500	9,1500	7,1900							

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	AEX	AEX-INDEX	18-1-2019	510,0000	P	EUR	25,6200	25,6200	23,0000	42	23,5000	23,4300	23	147	1055	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	515,0000	C	EUR	0,6300	0,6300	0,5800	31	0,6200	0,6400	1	123	1238	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	515,0000	P	EUR	28,5800	28,5800	28,5800	1	28,5800	27,9300	28	4	861	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	520,0000	C	EUR	0,3400	0,3500	0,3000	40	0,3300	0,3300	0	252	1931	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	520,0000	P	EUR	34,7500	34,7500	32,4200	14	32,8400	32,6200	33	71	614	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	525,0000	C	EUR	0,2000	0,2000	0,1600	32	0,1600	0,1600	0	192	1301	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	525,0000	P	EUR	39,5200	40,3000	37,3400	8	37,6500	37,4500	37	21	706	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	530,0000	C	EUR	0,1400	0,1400	0,0800	21	0,1000	0,0900	0	195	1920	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	530,0000	P	EUR	44,0000	44,0000	44,0000	1	44,0000	42,3800	42	1	787	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	535,0000	C	EUR	0,0900	0,0900	0,0400	33	0,0500	0,0500	0	109	1181	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	535,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,3400	47	0	146	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	540,0000	C	EUR	0,0500	0,0500	0,0300	11	0,0400	0,0200	0	22	1876	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	540,0000	P	EUR	53,8000	53,8000	52,2600	2	52,2600	52,3100	52	7	364	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	545,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	443	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	545,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,3000	57	0	97	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	550,0000	C	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0100	0	2	1491	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	550,0000	P	EUR	64,0000	64,0000	62,0000	12	62,5500	62,3000	62	21	161	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	555,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	628	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	555,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,3000	67	0	46	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	560,0000	C	EUR	0,0200	0,0300	0,0100	5	0,0300	0,0100	0	32	1708	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	72,3000	72	0	144	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	565,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	116	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	565,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	77,3000	77	0	77	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	570,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0100	0	8	226	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	570,0000	P	EUR	85,0000	85,0000	82,0000	14	82,0000	82,3000	82	43	120	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	580,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	328	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	92,3000	92	0	95	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	590,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	30	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	590,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	102,3000	102	0	22	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	121	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	112,3000	112	0	78	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	620,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	620,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	132,3100	132	0	3	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	640,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	152,3100	152	0	2	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	45	31-12-2018
O	AEX	AEX-INDEX	18-1-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	192,3200	192	0	1	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	360,0000	C	EUR	15,0000	0,0000	0,0000	-	0,0000	126,4000	126	0	1	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	360,0000	P	EUR	0,3500	0,3500	0,3000	23	0,3000	0,3100	0	268	615	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	380,0000	C	EUR	106,4800	106,4800	106,4800	1	106,4800	106,5700	107	2	2	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	380,0000	P	EUR	0,5800	0,5800	0,4900	5	0,5000	0,5000	1	12	75	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	86,9000	87	0	2	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	400,0000	P	EUR	0,8400	0,8400	0,8200	5	0,8200	0,8300	1	6	427	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	410,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,1400	77	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	410,0000	P	EUR	1,2400	1,2400	1,0800	5	1,0800	1,0800	1	10	54	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	67,5100	68	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	420,0000	P	EUR	1,6500	1,6500	1,4400	21	1,4900	1,4500	1	77	538	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	430,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	58,0200	58	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	430,0000	P	EUR	2,1500	2,1500	1,9500	7	1,9500	1,9800	2	23	271	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	435,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	53,3700	53	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	435,0000	P	EUR	2,4000	2,4000	2,4000	1	2,4000	2,3200	2	2	17	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	48,7600	49	0	41	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	440,0000	P	EUR	3,2000	3,2000	2,7000	20	2,7500	2,7200	3	36	709	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	445,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	44,2500	44	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	445,0000	P	EUR	3,3500	3,3500	3,2000	4	3,3000	3,2100	3	5	129	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	450,0000	C	EUR	40,0900	40,0900	40,0900	1	40,0900	39,8700	40	1	72	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	450,0000	P	EUR	4,4500	4,4500	3,7500	8	3,8500	3,8300	4	56	132	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	455,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	35,6100	36	0	24	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	455,0000	P	EUR	5,0500	5,1500	4,5500	8	4,5500	4,5700	5	43	90	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	31,5000	32	0	124	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	460,0000	P	EUR	6,2000	6,2000	5,4000	20	5,4500	5,4600	5	24	919	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	465,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,5300	28	0	13	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	465,0000	P	EUR	7,3000	7,3000	6,6000	4	6,6000	6,5000	7	6	279	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	470,0000	C	EUR	23,8000	23,8000	23,7800	2	23,7800	23,7900	24	3	119	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	470,0000	P	EUR	8,6500	8,7700	7,7000	13	8,0000	7,7600	8	47	2804	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	475,0000	C	EUR	19,4500	19,4500	19,0000	3	19,0000	20,2800	20	7	159	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	475,0000	P	EUR	10,0500	10,0500	9,1500	3	9,2500	9,2500	9	7	223	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	480,0000	C	EUR	16,0000	17,1500	16,0000	5	16,8000	17,0100	17	9	425	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	480,0000	P	EUR	12,1000	12,4000	10,7500	31	10,9500	10,9800	11	92	493	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	485,0000	C	EUR	13,0500	14,1500	13,0000	6	14,0000	14,0400	14	14	365	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	485,0000	P	EUR	14,1000	14,4200	12,9000	13	12,9600	13,0200	13	60	219	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	490,0000	C	EUR	10,5200	11,4700	10,2600	26	10,9500	11,2300	11	89	227	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	490,0000	P	EUR	16,8400	16,8400	15,0700	7	15,2500	15,2100	15	41	471	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	495,0000	C	EUR	8,2500	9,0100	8,2500	10	8,6500	8,8600	9	31	314	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	495,0000	P	EUR	18,0000	18,3000	17,8500	5	18,3000	17,8400	18	23	229	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	500,0000	C	EUR	6,5500	6,9500	6,2500	24	6,7500	6,7900	7	136	847	31-12-2018

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	15-2-2019	525,0000	C	EUR	1,1900	1,2200	1,1100	12	1,1300	1,2000	1	44	739	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	525,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,2000	40	0	363	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	530,0000	C	EUR	0,7800	0,8000	0,7300	12	0,7700	0,7900	1	27	983	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	530,0000	P	EUR	44,6000	44,6000	44,6000	1	44,6000	44,8000	45	2	108	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	540,0000	C	EUR	0,3600	0,3600	0,3200	10	0,3300	0,3400	0	27	880	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	540,0000	P	EUR	54,2200	54,6000	54,2200	2	54,6000	54,3500	54	11	141	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	550,0000	C	EUR	0,1700	0,1700	0,1300	7	0,1400	0,1400	0	17	616	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,1600	64	0	26	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	560,0000	C	EUR	0,1100	0,1100	0,1000	3	0,1000	0,0700	0	30	598	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,0900	74	0	230	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	580,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0100	0	1	198	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	580,0000	P	EUR	95,9000	95,9000	95,9000	1	95,9000	94,0300	94	1	13	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	135	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	600,0000	P	EUR	114,8000	114,8000	114,8000	1	114,8000	114,0400	114	1	1	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	640,0000	C	EUR	0,0300	0,0300	0,0300	1	0,0300	0,0100	0	1	110	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	154,0600	154	0	0	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	10	31-12-2018
O	AEX	AEX-INDEX	15-2-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	194,0800	194	0	97	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	186,1900	186	0	422	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	300,0000	P	EUR	0,2500	0,2500	0,1900	5	0,2200	0,2200	0	47	426	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	320,0000	C	EUR	165,7000	165,7000	165,7000	1	165,7000	166,2700	166	20	65	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	320,0000	P	EUR	0,3500	0,3500	0,3200	2	0,3200	0,3100	0	3	250	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	340,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	146,3900	146	0	19	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	340,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,4600	0	0	221	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	360,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	126,5900	127	0	7	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	360,0000	P	EUR	0,6700	0,6700	0,6700	1	0,6700	0,6700	1	2	258	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	106,9200	107	0	213	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	380,0000	P	EUR	1,0900	1,1000	1,0100	7	1,0100	1,0100	1	77	438	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	400,0000	C	EUR	85,7000	85,7000	85,7000	1	85,7000	87,5000	88	2	433	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	400,0000	P	EUR	1,7000	1,7000	1,6000	10	1,6500	1,6100	2	85	1459	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	410,0000	C	EUR	76,5000	76,5000	76,5000	1	76,5000	77,9400	78	2	10	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	410,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0500	2	0	6	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	68,5600	69	0	49	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	420,0000	P	EUR	3,1500	3,1500	2,7000	9	2,7500	2,6900	3	37	1309	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	430,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	59,3900	59	0	0	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	430,0000	P	EUR	3,5000	3,6500	3,5000	3	3,6500	3,5200	4	3	25	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	440,0000	C	EUR	50,9000	50,9000	50,9000	1	50,9000	50,5300	51	3	165	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	440,0000	P	EUR	5,1000	5,1000	4,6000	9	4,7000	4,6700	5	21	1434	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	450,0000	C	EUR	40,7000	42,3300	40,7000	4	42,2400	42,0400	42	5	31	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	450,0000	P	EUR	6,6500	6,6500	6,1500	5	6,3200	6,1900	6	9	163	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	455,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,9700	38	0	1	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	455,0000	P	EUR	7,9000	7,9000	7,6500	5	7,6500	7,1200	7	7	43	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	34,0500	34	0	267	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	460,0000	P	EUR	8,9500	8,9700	8,1500	43	8,4000	8,2000	8	149	2214	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	465,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	30,3000	30	0	0	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	465,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,4600	9	0	51	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	470,0000	C	EUR	25,7000	25,7000	25,7000	1	25,7000	26,7200	27	2	49	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	470,0000	P	EUR	10,8300	11,1000	10,8300	5	11,0000	10,8800	11	9	170	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	475,0000	C	EUR	22,9400	22,9400	22,9400	1	22,9400	23,3400	23	1	104	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	475,0000	P	EUR	12,4600	12,4800	12,4600	2	12,4800	12,5100	13	10	59	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	480,0000	C	EUR	19,1500	20,5000	19,0000	9	20,0000	20,1600	20	33	507	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	480,0000	P	EUR	15,5000	15,5000	14,1500	29	14,5000	14,3300	14	109	3000	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	485,0000	C	EUR	16,3500	16,3500	16,3500	1	16,3500	17,1700	17	5	97	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	485,0000	P	EUR	16,3500	16,3500	16,3500	1	16,3500	16,3500	16	1	56	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	490,0000	C	EUR	13,7500	13,7500	13,7500	1	13,7500	14,4400	14	1	363	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	490,0000	P	EUR	18,5000	19,0000	18,5000	2	19,0000	18,6300	19	3	814	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	495,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,9900	12	0	142	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	495,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,1700	21	0	2	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	500,0000	C	EUR	9,2500	10,0000	9,1000	31	9,5500	9,7800	10	69	1271	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	500,0000	P	EUR	25,6000	25,6000	23,7500	8	24,0000	23,9700	24	9	1376	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	510,0000	C	EUR	5,8500	6,3000	5,8000	21	6,2500	6,1900	6	71	772	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	510,0000	P	EUR	31,6900	31,7400	30,4500	4	30,4500	30,3900	30	15	626	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	520,0000	C	EUR	3,4500	3,7500	3,4000	28	3,6000	3,6400	4	67	1523	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	520,0000	P	EUR	37,7000	37,7000	37,7000	1	37,7000	37,8500	38	3	4	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	530,0000	C	EUR	1,9500	2,1000	1,9500	21	2,0000	2,0200	2	38	820	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	530,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	46,2400	46	0	512	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	540,0000	C	EUR	1,0700	1,1000	1,0000	21	1,0800	1,0900	1	77	1618	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	540,0000	P	EUR	55,7000	55,7000	55,7000	1	55,7000	55,3100	55	1	510	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	550,0000	C	EUR	0,5600	0,5800	0,5500	5	0,5500	0,5800	1	5	1318	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	64,8100	65	0	287	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	560,0000	C	EUR	0,3300	0,3400	0,3300	4	0,3400	0,3300	0	4	1869	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,5700	75	0	225	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	570,0000	C	EUR	0,1700	0,1700	0,1700	1	0,1700	0,1800	0	3	1382	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	570,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	84,4300	84	0	175	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	580,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100	0	0	1091	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,3700	94	0	75	

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	660,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	174,3300	174	0	8	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	40	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	194,3400	194	0	270	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	720,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	9	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	720,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	234,3700	234	0	1748	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	44	31-12-2018
O	AEX	AEX-INDEX	15-3-2019	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	314,4400	314	0	2706	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	277,1500	277	0	396	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	200,0000	P	EUR	0,1600	0,1600	0,1400	7	0,1400	0,1500	0	409	1203	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	177,5800	178	0	12	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	300,0000	P	EUR	0,7700	0,8300	0,7500	11	0,8300	0,7700	1	226	699	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	320,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	157,8400	158	0	24	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	320,0000	P	EUR	1,0500	1,0700	1,0500	2	1,0700	1,0700	1	10	183	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	128,5300	129	0	27	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	350,0000	P	EUR	1,9000	1,9000	1,9000	1	1,9000	1,8200	2	5	928	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	99,8500	100	0	0	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	380,0000	P	EUR	3,4500	3,4500	3,2000	2	3,2000	3,2000	3	2	44	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	81,4600	81	0	57	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	400,0000	P	EUR	5,1000	5,1000	4,7500	6	4,9500	4,8500	5	11	936	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	410,0000	C	EUR	71,3000	71,3000	71,3000	1	71,3000	72,5800	73	2	10	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	410,0000	P	EUR	6,3000	6,3000	6,3000	1	6,3000	5,9800	6	1	4	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	63,9900	64	0	11	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	420,0000	P	EUR	7,4000	7,4000	7,3400	3	7,3700	7,4100	7	5	19	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	430,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	55,7000	56	0	8	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	430,0000	P	EUR	9,8000	9,8000	9,1400	3	9,1400	9,1400	9	5	291	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,8000	48	0	64	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	440,0000	P	EUR	11,7000	11,7000	11,3500	3	11,3500	11,2600	11	12	985	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	450,0000	C	EUR	39,3000	40,4200	39,1000	4	40,4200	40,3700	40	9	104	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	450,0000	P	EUR	14,4800	14,4800	13,8000	2	13,8000	13,8500	14	3	1271	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,4700	33	0	31	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	460,0000	P	EUR	16,8500	17,2500	16,8500	3	17,2500	16,9700	17	3	102	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	470,0000	C	EUR	26,6900	26,6900	26,6900	1	26,6900	27,1100	27	1	2	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	470,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	20,6300	21	0	82	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	480,0000	C	EUR	20,6000	21,7500	20,6000	5	21,7500	21,3900	21	18	320	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	480,0000	P	EUR	24,9500	24,9500	24,9300	2	24,9300	24,9200	25	3	1399	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	490,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,4100	16	0	0	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	490,0000	P	EUR	29,9000	29,9000	29,9000	1	29,9000	29,9700	30	5	5	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	500,0000	C	EUR	11,6000	12,2900	11,6000	4	12,2900	12,1700	12	11	2483	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	500,0000	P	EUR	37,5000	37,5000	35,7200	4	36,0900	35,7400	36	11	734	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	510,0000	C	EUR	8,2000	8,9000	8,2000	8	8,7500	8,7200	9	27	504	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	510,0000	P	EUR	43,9700	43,9700	42,2700	2	42,2700	42,3200	42	2	182	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	520,0000	C	EUR	5,7000	6,1000	5,7000	10	6,0000	6,0900	6	39	725	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	520,0000	P	EUR	49,6100	50,0600	49,6100	3	50,0600	49,7000	50	8	553	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	530,0000	C	EUR	3,9000	4,0500	3,9000	5	4,0000	4,0500	4	12	669	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	530,0000	P	EUR	58,0600	58,1200	58,0600	2	58,1200	57,6800	58	7	171	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	540,0000	C	EUR	2,5000	2,6000	2,5000	4	2,6000	2,6200	3	16	2284	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	540,0000	P	EUR	68,3000	68,3000	66,0000	3	66,0000	66,2700	66	20	197	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	550,0000	C	EUR	1,6800	1,7000	1,5500	4	1,5500	1,6500	2	10	3466	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	75,3200	75	0	617	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	560,0000	C	EUR	1,0000	1,0500	1,0000	3	1,0500	1,0600	1	23	1863	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	560,0000	P	EUR	85,1300	85,1300	85,1300	1	85,1300	84,7500	85	4	203	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	570,0000	C	EUR	0,6500	0,6500	0,6500	2	0,6500	0,6700	1	6	1888	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	570,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,3700	94	0	96	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	580,0000	C	EUR	0,4500	0,4500	0,4500	1	0,4500	0,4400	0	2	1004	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	104,1700	104	0	144	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	590,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3100	0	0	264	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	590,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	114,0500	114	0	48	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	600,0000	C	EUR	0,2200	0,2400	0,2100	4	0,2400	0,2100	0	10	979	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	123,9800	124	0	118	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	640,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0800	0	0	445	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	163,9200	164	0	16	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600	0	0	617	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	650,0000	P	EUR	174,3400	174,3400	174,3400	1	174,3400	173,9200	174	3	81	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	153	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	203,9500	204	0	343	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	212	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	700,0000	P	EUR	225,4800	225,4800	225,4800	2	225,4800	223,9500	224	250	1081	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	720,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	218	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	720,0000	P	EUR	246,9500	246,9500	246,4500	4	246,4500	243,9900	244	154	1082	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	198	31-12-2018
O	AEX	AEX-INDEX	21-6-2019	800,0000	P	EUR	326,5500	326,5500	325,5800	4	325,5800	324,1400	324	400	2839	31-12-2018
O	AEX	AEX-INDEX	20-9-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	173,0900	173	0	0	31-12-2018
O	AEX	AEX-INDEX	20-9-2019	300,0000	P	EUR	1,3500	1,3500	1,3500	1	1,3500	1,3000	1	1	4	31-12-2018
O	AEX	AEX-INDEX	20-9-2019	320,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	153,5600	154	0	16	31-12-2018
O	AEX	AEX-INDEX	20-9-2019	320,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,8300	2	0	283	31-12-2018
O	AEX	AEX-INDEX	20-9-2019	340,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	134,2200	134	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	AEX	AEX-INDEX	20-9-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,5900		48	0	119 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	440,0000	P	EUR	16,9900	16,9900	16,1100	3	16,1100	16,1800		16	6	306 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	40,6800		41	0	3 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	450,0000	P	EUR	20,0100	20,0100	19,0900	2	19,0900	19,3000		19	3	4 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	460,0000	C	EUR	34,1100	34,1100	34,1100	1	34,1100	34,2700		34	1	35 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	460,0000	P	EUR	22,8000	22,8000	22,6600	2	22,6600	22,9200		23	3	71 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	470,0000	C	EUR	27,2500	27,6200	27,2500	3	27,6200	28,3600		28	3	4 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	470,0000	P	EUR	28,1000	28,1000	27,8100	3	27,8500	27,0400		27	4	5 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	480,0000	C	EUR	22,4000	22,9000	22,4000	3	22,9000	22,9700		23	4	104 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	480,0000	P	EUR	32,8900	32,8900	31,5800	2	31,5800	31,6800		32	2	462 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	490,0000	C	EUR	17,8100	18,1900	17,8100	3	18,1700	18,2800		18	4	4 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	490,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,0100		37	0	54 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	500,0000	C	EUR	13,6500	14,3800	13,6000	8	14,1400	14,2700		14	16	118 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	500,0000	P	EUR	44,2000	44,2000	42,8500	2	42,8500	43,0300		43	6	115 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	510,0000	C	EUR	10,9000	10,9000	10,8000	5	10,8000	10,9100		11	10	29 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	510,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,7000		50	0	25 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	520,0000	C	EUR	8,0400	8,1000	7,9800	7	7,9800	8,0500		8	21	385 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	520,0000	P	EUR	56,5500	56,5500	56,5500	1	56,5500	56,8600		57	4	223 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	540,0000	C	EUR	4,1000	4,2000	4,1000	6	4,1500	4,1700		4	21	899 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	540,0000	P	EUR	72,7100	72,8600	72,7100	4	72,8600	73,0300		73	4	72 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	560,0000	C	EUR	2,1500	2,1500	2,0000	4	2,0000	2,0300		2	15	1650 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	90,9500		91	0	97 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	580,0000	C	EUR	0,9600	1,0400	0,9500	6	1,0400	0,9700		1	23	640 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	109,9500		110	0	0 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	600,0000	C	EUR	0,5200	0,5200	0,5200	1	0,5200	0,5100		1	4	327 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	129,5400		130	0	1 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	640,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1800		0	0	114 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	169,3200		169	0	0 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	680,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1000		0	0	97 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	680,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	209,3500		209	0	344 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	720,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	92 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	720,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	249,4300		249	0	445 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0 31-12-2018
O	AEX	AEX-INDEX	20-9-2019	800,0000	P	EUR	329,9500	329,9500	329,9500	1	329,9500	329,5900		330	2	726 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	370,6100		371	0	350 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	100,0000	P	EUR	0,0700	0,0700	0,0700	1	0,0700	0,0600		0	1	638 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	270,6600		271	0	173 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	200,0000	P	EUR	0,4800	0,4800	0,4600	3	0,4600	0,4700		0	11	2341 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	220,9400		221	0	23 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	250,0000	P	EUR	0,9300	0,9300	0,9300	1	0,9300	0,9400		1	9	1064 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	171,7800		172	0	335 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	300,0000	P	EUR	1,9000	2,0000	1,9000	6	1,9500	1,9500		2	31	1657 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	123,9500		124	0	249 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	350,0000	P	EUR	4,4500	4,5500	4,2500	13	4,3800	4,3000		4	41	1062 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	380,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	96,8600		97	0	0 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	380,0000	P	EUR	7,7500	7,7500	7,1500	3	7,1500	7,3200		7	4	39 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	400,0000	C	EUR	78,2500	78,2500	78,2500	2	78,2500	79,7800		80	4	3148 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	400,0000	P	EUR	10,9000	10,9000	10,3000	6	10,4000	10,3100		10	10	4435 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	63,8400		64	0	0 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	420,0000	P	EUR	14,3900	14,3900	14,3900	1	14,3900	14,4400		14	2	153 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	49,2000		49	0	10 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	440,0000	P	EUR	20,8300	20,8300	19,7800	4	19,8000	19,8700		20	10	15 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	450,0000	C	EUR	42,5500	42,5500	42,5500	1	42,5500	42,4800		42	3	1137 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	450,0000	P	EUR	24,0000	24,0000	23,1000	12	23,3000	23,1900		23	69	2280 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	460,0000	C	EUR	35,8000	35,8000	35,8000	1	35,8000	36,1500		36	1	4 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	460,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	26,8900		27	0	17 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	480,0000	C	EUR	24,8200	25,5000	24,6500	3	25,5000	25,3100		25	4	18 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	480,0000	P	EUR	37,5000	37,5000	36,2500	5	36,2500	36,1300		36	11	52 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	500,0000	C	EUR	16,1200	16,7500	16,1200	4	16,6500	16,8500		17	4	2965 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	500,0000	P	EUR	49,3500	49,3500	47,6000	7	47,7000	47,7400		48	33	3460 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	520,0000	C	EUR	10,3400	10,3400	10,3400	1	10,3400	10,3900		10	1	1383 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	520,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	61,3500		61	0	1079 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	550,0000	C	EUR	4,4000	4,4500	4,3500	5	4,4000	4,4500		4	11	4408 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	550,0000	P	EUR	87,0000	87,0000	86,1000	2	86,1000	85,5200		86	2	3809 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	560,0000	C	EUR	3,2500	3,3300	3,2500	4	3,3000	3,2900		3	5	197 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	94,4000		94	0	28 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	580,0000	C	EUR	1,7300	1,7500	1,7300	2	1,7500	1,7900		2	3	550 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	580,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	112,9700		113	0	77 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	600,0000	C	EUR	1,0000	1,0100	1,0000	8	1,0000	0,9400		1	44	3459 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	132,1900		132	0	2665 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	650,0000	C	EUR	0,3100	0,3100	0,3100	1	0,3100	0,3500		0	10	1037 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	181,7900		182	0	94 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	700,0000	C	EUR	0,1500	0,1500	0,1500	1	0,1500	0,1400		0	5	983 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	231,7600		232	0	1652 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0500		0	0	774 31-12-2018
O	AEX	AEX-INDEX	20-12-2019	800,0000	P	EUR	331,5000									

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	500,0000	P	EUR	60,6700	60,6700	60,6700	1	60,6700	59,3800	59	1	34	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	550,0000	C	EUR	6,5000	6,5300	6,5000	2	6,5300	6,4800	6	2	171	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	97,8900	98	0	44	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	600,0000	C	EUR	1,8500	2,0000	1,8500	3	1,8700	1,9900	2	5	133	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	143,6700	144	0	6	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	650,0000	C	EUR	0,6900	0,6900	0,6600	3	0,6600	0,7000	1	3	99	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	192,6400	193	0	2	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	75	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	242,4900	242	0	279	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0900	0	0	12	31-12-2018
O	AEX	AEX-INDEX	19-6-2020	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	342,8300	343	0	309	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	355,4700	355	0	124	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3600	0	0	794	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	255,9800	256	0	53	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	200,0000	P	EUR	1,4000	1,4500	1,4000	2	1,4500	1,4600	1	2	879	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	206,8000	207	0	72	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	250,0000	P	EUR	2,6500	2,6500	2,6500	2	2,6500	2,5700	3	4	652	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	159,1000	159	0	140	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	300,0000	P	EUR	5,3500	5,4000	5,3000	4	5,3000	5,1700	5	13	406	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	114,2000	114	0	267	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	350,0000	P	EUR	10,8800	10,8800	10,5000	4	10,8000	10,5700	11	8	596	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	74,5100	75	0	818	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	400,0000	P	EUR	21,3000	21,3000	21,2000	2	21,2000	21,1800	21	2	920	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	450,0000	C	EUR	42,4400	43,1500	42,4400	5	43,1500	43,0100	43	11	449	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	450,0000	P	EUR	40,0000	40,0000	40,0000	2	40,0000	39,9700	40	15	1032	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	500,0000	C	EUR	20,4700	21,0000	20,4700	3	21,0000	21,2500	21	3	1173	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	500,0000	P	EUR	69,7000	69,8700	68,3000	3	68,3000	68,5000	69	8	1808	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	550,0000	C	EUR	8,6000	8,8400	8,4700	9	8,7500	8,8600	9	14	1246	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	106,4200	106	0	1380	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	600,0000	C	EUR	3,2800	3,3500	3,2800	2	3,3500	3,2900	3	4	787	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	151,1400	151	0	486	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2700	1	0	501	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	199,4200	199	0	38	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5100	1	0	783	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	248,9500	249	0	157	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1200	0	0	624	31-12-2018
O	AEX	AEX-INDEX	18-12-2020	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	349,1500	349	0	316	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	245,8400	244	0	268	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	200,0000	P	EUR	2,1500	2,1500	2,1500	1	2,1500	2,2100	2	1	882	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	300,0000	C	EUR	150,3000	150,3000	150,3000	1	150,3000	150,3500	150	1	162	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	300,0000	P	EUR	9,5000	9,5000	9,5000	1	9,5000	9,4300	9	1	527	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	107,9700	108	0	5	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	350,0000	P	EUR	17,9000	17,9000	17,5500	3	17,6500	17,4100	17	4	99	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	71,9100	72	0	419	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	400,0000	P	EUR	31,4500	31,9500	31,4500	2	31,9500	31,7000	32	3	466	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	43,9600	44	0	346	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	54,1100	54	0	751	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	500,0000	C	EUR	24,0000	24,0000	24,0000	1	24,0000	24,2700	24	10	1140	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	84,7800	85	0	1588	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	550,0000	C	EUR	12,3000	12,3000	12,0500	9	12,1500	12,3100	12	11	891	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	123,1800	123	0	1473	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	600,0000	C	EUR	5,7000	5,8000	5,7000	5	5,8000	5,7800	6	21	620	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	167,0000	167	0	1002	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	650,0000	C	EUR	2,1500	2,1500	2,1500	2	2,1500	2,5600	3	2	128	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	214,1400	214	0	1	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	700,0000	C	EUR	1,1500	1,1500	1,1500	1	1,1500	1,1400	1	1	637	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	263,0800	263	0	86	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	800,0000	C	EUR	0,1600	0,1600	0,1600	1	0,1600	0,1500	0	3	1387	31-12-2018
O	AEX	AEX-INDEX	17-12-2021	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	362,8000	363	0	293	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	233,6600	234	0	132	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,3300	3	0	547	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	141,9600	142	0	27	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	300,0000	P	EUR	12,4000	12,4000	12,4000	2	12,4000	12,4200	12	5	839	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	102,0000	102	0	2	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	350,0000	P	EUR	23,2500	23,2500	23,2500	2	23,2500	22,8600	23	14	125	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	400,0000	C	EUR	68,7500	69,0000	68,7500	2	69,0000	69,2000	69	2	203	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,4500	40	0	819	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	450,0000	C	EUR	44,4100	44,4100	44,4000	2	44,4000	44,2900	44	2	745	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	65,9400	66	0	385	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	500,0000	C	EUR	25,9000	27,5000	25,9000	12	27,3500	26,8500	27	26	1449	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	500,0000	P	EUR	99,7500	99,7500	99,7500	1	99,7500	98,8900	99	1	729	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	550,0000	C	EUR	15,2400	15,7500	15,2400	8	15,7500	15,5500	16	13	2320	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	137,9900	138	0	2112	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	600,0000	C	EUR	8,3400	8,4000	7,9000	6	8,0500	8,5900	9	22	640	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	181,4300	181	0	1941	31-12-2018
O	AEX	AEX-INDEX	16-12-2022	650,0000	C	EUR	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	AEX	AEX-INDEX	15-12-2023	400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	67,6400		68	0	10 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	400,0000	P	EUR	47,3000	48,0000	47,3000	6	48,0000	48,3200		48	6	65 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	500,0000	C	EUR	29,4500	29,4500	29,4500	1	29,4500	29,0200		29	5	49 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	109,2000		109	0	11 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,8600		11	0	9 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	600,0000	P	EUR	191,0000	191,0000	191,0000	1	191,0000	190,5400		191	1	2 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,4400		1	0	12 31-12-2018
O	AEX	AEX-INDEX	15-12-2023	800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	380,1400		380	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	420,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	67,8500		68	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	420,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	280 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	440,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,8700		48	0	2 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	440,0000	P	EUR	0,0500	0,0500	0,0300	3	0,0300	0,0200		0	10	445 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	37,8900		38	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	450,0000	P	EUR	0,0800	0,0900	0,0500	7	0,0600	0,0500		0	9	183 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	455,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	32,9200		33	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	455,0000	P	EUR	0,1400	0,1400	0,0800	10	0,0800	0,0700		0	33	245 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	458,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	29,9500		30	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	458,0000	P	EUR	0,1000	0,1100	0,1000	2	0,1100	0,1000		0	7	14 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	27,9700		28	0	4 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	460,0000	P	EUR	0,2100	0,2100	0,1200	13	0,1300	0,1300		0	106	478 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	462,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,0000		26	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	462,0000	P	EUR	0,2600	0,2600	0,1500	4	0,1600	0,1600		0	9	26 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	464,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,0400		24	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	464,0000	P	EUR	0,2000	0,2200	0,2000	7	0,2200	0,1900		0	16	42 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	465,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0600		23	0	1 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	465,0000	P	EUR	0,3800	0,4200	0,2100	24	0,2300	0,2200		0	131	321 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	466,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	22,1000		22	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	466,0000	P	EUR	0,4400	0,4400	0,2500	12	0,2500	0,2500		0	56	54 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	468,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,1700		20	0	2 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	468,0000	P	EUR	0,5700	0,5700	0,3000	11	0,3400	0,3200		0	72	248 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	470,0000	C	EUR	16,6000	17,5500	15,9000	7	17,5500	18,2600		18	13	34 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	470,0000	P	EUR	0,6600	0,7700	0,4000	21	0,4500	0,4100		0	81	621 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	472,0000	C	EUR	14,5500	14,5500	14,5500	1	14,5500	16,3700		16	1	15 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	472,0000	P	EUR	0,9000	0,9000	0,5400	11	0,6000	0,5300		1	16	50 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	474,0000	C	EUR	12,7500	13,3000	12,7500	2	13,3000	14,5300		15	2	24 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	474,0000	P	EUR	1,1100	1,2500	0,6900	19	0,7800	0,6900		1	21	89 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	476,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	12,7400		13	0	76 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	476,0000	P	EUR	1,4000	1,5500	0,8500	29	0,9100	0,9000		1	60	231 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	478,0000	C	EUR	9,7000	10,9500	9,7000	4	10,9500	11,0200		11	16	30 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	478,0000	P	EUR	1,8000	1,8000	1,1200	9	1,2400	1,1700		1	15	73 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	480,0000	C	EUR	8,0300	9,5000	7,6200	10	9,0000	9,3500		9	12	274 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	480,0000	P	EUR	2,1900	2,6000	1,4900	34	1,7500	1,5100		2	40	321 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	482,0000	C	EUR	6,6000	8,0000	6,5000	4	8,0000	7,8100		8	4	90 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	482,0000	P	EUR	2,9000	2,9500	1,9000	24	2,1000	1,9700		2	39	130 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	484,0000	C	EUR	5,1500	6,6500	5,0000	16	6,4000	6,3800		6	33	169 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	484,0000	P	EUR	3,6000	3,8500	2,4500	31	2,7500	2,5400		3	86	196 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	486,0000	C	EUR	4,1500	5,3500	3,9000	35	5,0000	5,0800		5	89	214 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	486,0000	P	EUR	4,1900	4,3500	3,0500	13	3,5000	3,2300		3	26	55 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	488,0000	C	EUR	3,3000	4,2000	2,8500	30	4,0000	3,8900		4	58	104 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	488,0000	P	EUR	5,4400	5,4400	3,9000	16	4,4700	4,0500		4	35	70 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	490,0000	C	EUR	2,2500	3,1000	2,1500	71	2,9500	2,9100		3	157	255 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	490,0000	P	EUR	6,5000	6,5000	5,0000	5	5,2000	5,0600		5	6	67 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	492,0000	C	EUR	1,5500	2,2500	1,5500	24	2,0500	2,0700		2	70	336 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	492,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,2200		6	0	21 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	494,0000	C	EUR	1,0000	1,6000	1,0000	36	1,4000	1,4300		1	97	234 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	494,0000	P	EUR	9,2100	9,2100	7,5500	8	8,1500	7,5800		8	16	9 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	496,0000	C	EUR	0,6500	1,0200	0,6200	91	0,9500	0,9400		1	343	472 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	496,0000	P	EUR	11,1500	11,1500	9,0000	4	9,0500	9,0900		9	4	22 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	498,0000	C	EUR	0,3900	0,6000	0,3900	13	0,5300	0,5800		1	33	108 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	498,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,7400		11	0	26 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	500,0000	C	EUR	0,2200	0,3900	0,2100	33	0,3200	0,3500		0	114	371 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	500,0000	P	EUR	14,3000	14,3000	14,3000	1	14,3000	12,5100		13	5	82 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	502,0000	C	EUR	0,1700	0,1700	0,1500	5	0,1500	0,1900		0	77	77 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	502,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,3500		14	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	504,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1100		0	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	504,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,2600		16	0	0 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	505,0000	C	EUR	0,0800	0,0900	0,0500	16	0,0500	0,0800		0	73	292 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	505,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	17,2300		17	0	16 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	510,0000	C	EUR	0,0200	0,0200	0,0200	1	0,0200	0,0100		0	1	195 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	510,0000	P	EUR	24,4000	24,4000	23,9000	4	23,9000	22,1700		22	7	146 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	515,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	22 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	515,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,1600		27	0	34 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	520,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	12 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	520,0000	P	EUR	34,4000	34,4000	34,4000	2	34,4000	32,1600		32	18	39 31-12-2018
O	AX1	AEX Weekly - 1st Friday	4-1-2019	530,0000	C	EUR	0,0100	0,0100	0,0100	1	0,0100	0,0100		0	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	AX2	AEX Weekly - 2nd Friday	11-1-2019	450,0000	P	EUR	0,4200	0,4400	0,4200	2	0,4400	0,4200	0	2	27	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	455,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,3800	33	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	455,0000	P	EUR	0,7700	0,7700	0,5900	2	0,5900	0,5900	1	16	45	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	460,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	28,6300	29	0	12	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	460,0000	P	EUR	1,1200	1,2300	0,8000	7	0,8500	0,8300	1	32	25	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	462,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,7600	27	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	462,0000	P	EUR	1,4100	1,4100	1,4100	1	1,4100	0,9600	1	10	13	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	464,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,9100	25	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	464,0000	P	EUR	1,4500	1,4500	1,4500	1	1,4500	1,1100	1	2	13	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	466,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	23,0800	23	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	466,0000	P	EUR	1,2800	1,3300	1,2800	3	1,3300	1,2900	1	7	17	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	468,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	21,3000	21	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	468,0000	P	EUR	1,9500	1,9500	1,8800	2	1,8800	1,5000	2	2	10	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	470,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	19,5400	20	0	1	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	470,0000	P	EUR	2,2000	2,3500	1,7000	10	1,7500	1,7400	2	29	35	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	472,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,8200	18	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	472,0000	P	EUR	2,7000	2,7000	2,6500	2	2,6500	2,0300	2	2	44	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	474,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,1800	16	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	474,0000	P	EUR	2,3500	2,4000	2,3500	2	2,4000	2,3800	2	4	13	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	476,0000	C	EUR	13,6000	13,6000	13,2500	3	13,2500	14,5900	15	3	3	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	476,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7900	3	0	11	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	478,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	13,0400	13	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	478,0000	P	EUR	3,2500	3,3500	3,2500	2	3,3500	3,2400	3	5	16	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	480,0000	C	EUR	11,1500	11,2200	11,1500	2	11,2200	11,5600	12	2	2	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	480,0000	P	EUR	4,7500	4,7500	4,0500	2	4,0500	3,7700	4	3	8	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	482,0000	C	EUR	9,8500	9,8500	9,8500	1	9,8500	10,1400	10	1	46	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	482,0000	P	EUR	4,1500	4,1100	4,1500	2	4,4100	4,3400	4	2	49	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	484,0000	C	EUR	7,8500	8,8900	7,8000	4	8,8900	8,8400	9	7	16	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	484,0000	P	EUR	6,0500	6,0500	5,0000	10	5,3000	5,0400	5	19	23	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	486,0000	C	EUR	6,5500	7,5000	6,5500	2	7,5000	7,6100	8	3	4	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	486,0000	P	EUR	5,5500	5,9500	5,5500	8	5,7700	5,8100	6	14	20	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	488,0000	C	EUR	5,7000	6,4300	5,7000	3	6,4300	6,4500	6	4	6	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	488,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,6600	7	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	490,0000	C	EUR	4,7000	5,5000	4,5500	15	5,1000	5,4000	5	34	59	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	490,0000	P	EUR	7,7100	7,7100	7,7100	1	7,7100	7,6000	8	1	1	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	492,0000	C	EUR	3,8000	3,8000	3,8000	1	3,8000	4,4700	4	3	3	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	492,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	8,6700	9	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	494,0000	C	EUR	3,0700	3,6900	3,0700	4	3,4400	3,6400	4	7	10	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	494,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,8400	10	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	495,0000	C	EUR	2,7500	3,3500	2,7000	9	3,3000	3,2700	3	21	21	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	495,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	10,4800	10	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	496,0000	C	EUR	3,0000	3,0000	2,7500	2	2,7500	2,9100	3	2	1	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	496,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,1100	11	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	498,0000	C	EUR	2,1400	2,1400	2,1400	1	2,1400	2,3000	2	1	1	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	498,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	12,5100	13	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	500,0000	C	EUR	1,5500	1,9000	1,4600	59	1,6500	1,7800	2	176	243	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	500,0000	P	EUR	14,0000	14,0000	14,0000	1	14,0000	13,9800	14	1	1	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	505,0000	C	EUR	0,8000	0,9100	0,7900	14	0,7900	0,8700	1	103	111	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	505,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	18,0700	18	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	510,0000	C	EUR	0,4000	0,4200	0,3400	6	0,3400	0,3800	0	15	157	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	510,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	22,5800	23	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	515,0000	C	EUR	0,1200	0,1200	0,1200	1	0,1200	0,1600	0	5	5	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	515,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	27,3700	27	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	520,0000	C	EUR	0,0800	0,0800	0,0500	10	0,0500	0,0600	0	213	222	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	520,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	32,2700	32	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	530,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	530,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	42,2200	42	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	540,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	AX2	AEX Weekly - 2nd Friday	11-1-2019	540,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	52,2100	52	0	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	AXF	AEX Dividend Index Future	15-12-2023	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	18,5000	19	0	0	31-12-2018
F	FME	Morningstar Eurozone 50 Index Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	946,1800	946	0	0	31-12-2018
F	FME	Morningstar Eurozone 50 Index Future	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	945,1800	945	0	0	31-12-2018
F	FME	Morningstar Eurozone 50 Index Future	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	944,1800	944	0	0	31-12-2018
F	FME	Morningstar Eurozone 50 Index Future	20-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	943,1800	943	0	0	31-12-2018
F	FMX	AMX Index Future	18-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	645,4000	645	0	0	31-12-2018
F	FMX	AMX Index Future	15-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	644,8000	645	0	0	31-12-2018
F	FMX	AMX Index Future	15-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	644,2000	644	0	0	31-12-2018
F	FTI	FUTURE AEX INDEX	18-1-2019	0,0000		EUR	484,5500	489,3500	482,0500	5,702	488,0000	487,7200	488	6761	65163	31-12-2018
F	FTI	FUTURE AEX INDEX	15-2-2019	0,0000		EUR	480,7500	484,4000	480,7500	14	484,0000	486,0200	486	14	83	31-12-2018
F	FTI	FUTURE AEX INDEX	15-3-2019	0,0000		EUR	483,8500	484,2500	483,8500	6	483,8500	485,8200	486	6	408	31-12-2018
F	FTI	FUTURE AEX INDEX	21-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	476,4700	476	0	88	31-12-2018
F	FT															

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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	MOA	AEX Index - Mini Option	15-3-2019	520,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,8500		38	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	540,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	540,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	55,3100		55	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	560,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,3300		0	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	560,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,5700		75	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	114,3300		114	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	640,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	MOA	AEX Index - Mini Option	15-3-2019	640,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	154,3100		154	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	3600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1131,2400		1131	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	3600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	3800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	931,2300		931	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	3800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	731,3700		731	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2200		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	631,6800		632	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5500		1	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	532,4500		532	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1,3400		1	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	434,2900		434	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2000		3	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	385,9600		386	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8900		5	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	338,4600		338	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3900		7	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	292,1200		292	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	11,0600		11	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	247,3800		247	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3300		16	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4525,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	225,7800		226	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4525,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	19,7300		20	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	204,7900		205	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	23,7500		24	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4575,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	184,5000		185	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4575,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	28,4700		28	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	165,0000		165	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,9800		34	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4625,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	146,3700		146	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4625,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	40,3500		40	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	128,7100		129	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	47,6900		48	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4675,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	112,0900		112	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4675,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	56,0800		56	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	96,6000		97	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	65,6000		66	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4725,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	82,3100		82	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4725,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,3000		76	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	69,2600		69	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	88,2600		88	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4775,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	57,4900		57	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4775,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	101,5000		102	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	47,0300		47	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	116,0500		116	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4850,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	29,9600		30	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4850,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	148,9800		149	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,7000		18	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	186,7400		187	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4950,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	9,5800		10	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	4950,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	228,6200		229	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,6800		5	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	273,7300		274	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5050,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,0400		2	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5050,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	321,1000		321	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,7800		1	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	369,8600		370	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2600		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	419,3500		419	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	469,1700		469	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	569,1200		569	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	669,1400		669	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	769,1600		769	0	31-12-2018
O	PSX	PSI20 Index Option	18-1-2019	5600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	31-12-2018
O	PSX	PS														

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	15-2-2019	3800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	932,3600	932	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	3800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2,3800	2	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	735,6600	736	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	5,7800	6	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	638,8400	639	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	9,0100	9	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	543,8200	544	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0500	14	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	451,5300	452	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,8100	22	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	363,2600	363	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,5900	34	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	321,1500	321	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,5100	42	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	280,7400	281	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	51,1200	51	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	242,2900	242	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	62,7000	63	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	206,1000	206	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	76,5300	77	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	172,4400	172	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	92,9000	93	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	141,6200	142	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	112,1000	112	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	113,8600	114	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	134,3700	134	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	89,3700	89	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	159,9100	160	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4850,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	68,2600	68	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4850,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	188,8200	189	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	50,5400	51	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	221,1300	221	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4950,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	36,1300	36	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	4950,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	256,7400	257	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,8200	25	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	295,4600	295	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5050,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	16,3300	16	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5050,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	337,0000	337	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	10,2600	10	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	380,9500	381	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	6,1200	6	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	426,8400	427	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,4600	3	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	474,2000	474	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9200	1	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	571,7100	572	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1900	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	671,0300	671	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	770,9300	771	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	870,9500	871	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	5800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1071,0500	1071	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	6000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-2-2019	6000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1271,1600	1271	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1529,5400	1530	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2800	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1132,1300	1132	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	3,2100	3	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	936,3000	936	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	3800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5400	8	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	744,0800	744	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	15,4800	15	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	650,1300	650	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	21,6200	22	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	558,4600	558	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	30,0300	30	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	469,9800	470	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	41,6300	42	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	385,7900	386	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	57,5200	58	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	345,7000	346	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	67,4700	67	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	307,1800	307			

Instrument Type*	Instrument Trading Symbol	Instrument Name	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	4750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	166,7400	167	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	119,4600	119	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	191,5200	192	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4850,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	96,9100	97	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4850,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	219,0100	219	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	77,1000	77	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	249,2500	249	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4950,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	60,0400	60	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	4950,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	282,2300	282	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	45,6600	46	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	317,8800	318	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5050,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,8100	34	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5050,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	356,0700	356	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	24,3300	24	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	396,6300	397	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	17,0000	17	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	439,3500	439	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,5300	12	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	483,9100	484	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	7,5600	8	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	529,9900	530	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,8000	5	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	577,2700	577	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400	3	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	625,4500	625	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,7400	2	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	674,2900	674	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,9900	1	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	723,5800	724	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5400	1	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	773,1800	773	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2900	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	822,9600	823	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,1500	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	872,8600	873	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0700	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	922,8300	923	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0300	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	972,8300	973	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0200	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1022,8500	1023	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1072,8900	1073	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	5900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1172,9600	1173	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1273,0400	1273	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1373,1200	1373	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1473,2100	1473	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1673,3700	1673	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	6800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2073,7000	2074	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	7200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	15-3-2019	7200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2474,0300	2474	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1369,6300	1370	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	14,0700	14	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	988,0500	988	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	33,2500	33	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	804,0800	804	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	3800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	49,6500	50	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	628,3900	628	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	74,3400	74	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	465,7000	466	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	112,0300	112	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	390,9700	391	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	137,5000	138	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	321,6800	322	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	168,3900	168	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	289,3100	289	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	186,1100	186	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	258,5800	259	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	205,4800				

Instrument Type*	Instrument Trading Symbol	Instrument Name	Expiry Date	Exercise Price	Option Category**	Contract Currency	Open	High	Low	Trade Count	Close	Settlement	EDSP	Total Volume	Open Interest	Open Interest Date
O	PSX	PSI20 Index Option	21-6-2019	4800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	112,4400	112	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	359,9100	360	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4850,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	94,8100	95	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4850,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	392,3700	392	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4900,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	79,0800	79	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4900,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	426,7300	427	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4950,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	65,2000	65	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	4950,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	462,9500	463	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	53,1000	53	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	500,9500	501	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5050,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	42,6900	43	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5050,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	540,6300	541	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5100,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	33,8400	34	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5100,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	581,8800	582	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5150,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	26,4400	26	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5150,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	624,5700	625	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	20,3300	20	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	668,5600	669	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5250,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	15,3800	15	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5250,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	713,7000	714	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	11,4300	11	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	759,8500	760	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5350,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	8,3400	8	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5350,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	806,8500	807	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	5,9700	6	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	854,5700	855	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,1800	4	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	902,8800	903	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,8700	3	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	951,6600	952	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,9400	2	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1000,8200	1001	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1,2900	1	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1050,2700	1050	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,5600	1	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1149,7300	1150	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,2400	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	5800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1249,6000	1250	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0400	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1449,7800	1450	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1650,1300	1650	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	1850,5000	1851	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0100	0	0	0	31-12-2018
O	PSX	PSI20 Index Option	21-6-2019	6800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	2251,2600	2251	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1380,5400	1381	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	37,9600	38	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	1011,3600	1011	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	69,8500	70	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3800,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	833,9500	834	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	3800,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	92,9700	93	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4000,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	664,8400	665	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4000,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	124,4000	124	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4200,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	508,0700	508	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4200,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	168,1700	168	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4300,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	435,6300	436	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4300,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	195,9900	196	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4400,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	367,8700	368	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4400,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	228,5000	229	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4450,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	335,9100	336	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4450,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	246,6800	247	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4500,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	305,3300	305	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4500,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	266,2200	266	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4550,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	276,1700	276	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4550,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	287,2000	287	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4600,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	248,5000	249	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4600,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	309,6700	310	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4650,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	222,3700	222	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4650,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	333,6700	334	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4700,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	197,8200	198	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4700,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	359,2500	359	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4750,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	174,8700	175	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4750,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	386,4400	386	0	0	31-12-2018
O	PSX	PSI20 Index Option	20-9-2019	4800,0000	C	EUR	0,0000	0,0000	0,0000	-</						

verschijnt iedere dag van maandag tot en met vrijdag op www.aex.nl/opc behalve op officiële feestdagen

Page # 317 of 320

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Page # 317 of 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	PDX	British Pound / USD Options	15-3-2019	128,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	2,5900		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	128,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,8100		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	129,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	2,0800		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	129,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,2900		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	130,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	1,6500		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	130,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,8500		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	132,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,9700		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	132,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	4,1700		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	134,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,5300		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	134,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	5,7200		6	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	136,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,2700		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	136,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	7,4400		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	138,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,1300		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	138,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	9,2900		9	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	140,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,0600		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	140,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	11,2000		11	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	142,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,0200		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	142,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	13,1600		13	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	144,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	144,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	15,1300		15	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	146,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,0100		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	146,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	17,1200		17	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	148,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	15-3-2019	148,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	19,0000		19	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	120,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	10,0800		10	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	120,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	0,4500		0	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	122,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	8,4000		8	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	122,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	0,7500		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	124,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	6,8600		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	124,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,1700		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	126,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	5,4700		5	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	126,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,7600		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	128,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	4,2500		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	128,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,5100		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	130,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	3,2200		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	130,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	3,4500		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	132,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	2,3700		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	132,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	4,5800		5	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	134,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	1,7000		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	134,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	5,8800		6	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	136,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	1,1800		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	136,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	7,3400		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	138,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	0,8000		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	21-6-2019	138,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	8,9300		9	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	120,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	11,2100		11	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	120,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	0,7400		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	122,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	9,6000		10	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	122,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,0900		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	124,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	8,1100		8	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	124,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,1600		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	126,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	6,7500		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	126,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,1200		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	128,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	5,5300		6	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	128,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,8900		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	130,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	4,4500		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	130,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	3,7800		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	132,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	3,5300		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	132,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	4,8100		5	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	134,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	2,7500		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	134,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	5,9900		6	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	136,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	2,1000		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-9-2019	136,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	7,3100		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	122,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	10,7200		11	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	122,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,3600		1	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	124,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	9,2600		9	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	124,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	1,8400		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	126,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	7,9100		8	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	126,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	2,4400		2	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	128,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	6,6800		7	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	128,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	3,1600		3	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	130,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	5,5800		6	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	130,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	4,0000		4	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	132,000	C	USD	0,0000	0,0000	0,0000	-	0,0000	4,6000		5	0	0	31-12-2018
O	PDX	British Pound / USD Options	20-12-2019	132,000	P	USD	0,0000	0,0000	0,0000	-	0,0000	4,9700		5	0	0	31-12-2018
O	PEX	British Pound / Euro Options	18-1-2019	108,000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,8300		4	0	0	31-12-2018
O	PEX	British Pound / Euro Options	18-1-2019	108,000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	0,0000		0	0	0	31-12-2018
O	PEX	British Pound / Euro Options	18-1-2019	109,000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,9400		3	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	PEX	British Pound / Euro Options	20-12-2019	112,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	4,3500		4	0	31-12-2018
O	PEX	British Pound / Euro Options	20-12-2019	112,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	4,9000		5	0	31-12-2018
O	PEX	British Pound / Euro Options	20-12-2019	114,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	3,5000		4	0	31-12-2018
O	PEX	British Pound / Euro Options	20-12-2019	114,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	6,0500		6	0	31-12-2018
O	PEX	British Pound / Euro Options	20-12-2019	116,0000	C	EUR	0,0000	0,0000	0,0000	-	0,0000	2,7700		3	0	31-12-2018
O	PEX	British Pound / Euro Options	20-12-2019	116,0000	P	EUR	0,0000	0,0000	0,0000	-	0,0000	7,3300		7	0	31-12-2018

* 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	23-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	20-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	21-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	18-4-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	23-5-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	23-7-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	22-8-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	23-10-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	21-11-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	23-1-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	20-2-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	23-3-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	22-4-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	21-5-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	SMP	Skimmed Milk Powder Futures	22-6-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	2313,0000		2313	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-1-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	20-2-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	21-3-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	18-4-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-5-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	20-6-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-7-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	22-8-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	20-9-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-10-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	21-11-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	19-12-2019	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-1-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	20-2-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	23-3-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	22-4-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	21-5-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
F	ULB	Unsalted Lactic Butter Futures	22-6-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	3822,0000		3822	0	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
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	31-12-2018
F	WFP	Sweet Whey Food Grade Powder Futures	20-2-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	680,0000		680	0	31-12-2018
F	WFP	Sweet Whey Food Grade Powder Futures	23-3-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	680,0000		680	0	31-12-2018
F	WFP	Sweet Whey Food Grade Powder Futures	22-4-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	680,0000		680	0	31-12-2018
F	WFP	Sweet Whey Food Grade Powder Futures	21-5-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	680,0000		680	0	31-12-2018
F	WFP	Sweet Whey Food Grade Powder Futures	22-6-2020	0,0000		EUR	0,0000	0,0000	0,0000	-	0,0000	680,0000		680	0	31-12-2018

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