

WOENSDAG 28 NOVEMBER 2018

UITGEGEVEN DOOR EURONEXT AMSTERDAM N.V.

# OFFICIELE PRIJSCOURANT


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EURONEXT AMSTERDAM

Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QKB3	1COV 30.74TL OPENZ	EUR	1,9700	2,0500	1,9700			2,0500					
Certificate	DE000CJ3PLD9	1COV 35.77TL OPENZ	EUR	1,4700	1,5500	1,4700			1,5500					
Certificate	DE000CJ3N3W1	1COV 41.77TL OPENZ	EUR	0,8700	0,9500	0,8700	1046,2500	1	0,9500	1125				
Certificate	NL0010653960	AABA 28.8TL OPENB	EUR	33,9100	33,9100	33,9100			33,9100					
Certificate	DE000CP06238	AALB 25TL OPENC	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CY16LL1	AALB 25TL OPENC	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CP06W07	AALB 28TL OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CY51600	AALB 30TL OPENC	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CY16HU0	AALB 30TL OPENC	EUR	2,5200	2,9000	2,4800	630,0000	1	2,9000	250				
Certificate	DE000CP23441	AALB 32TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CP068Y7	AALB 34TL OPENC	EUR											
Certificate	DE000CP06W15	AALB 34TS OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CP06Z46	AALB 34TS OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CP231X3	AALB 35TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CP06Z53	AALB 35TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CP06TL3	AALB 36TS OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CP06008	AALB 38TS OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CQ5BUR6	AALB 40TS OPENC	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000CQ5BSV2	AALB 40TS OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CP06M41	AALB 45TS OPENC	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000CY51JQ1	AALB 46TS OPENC	EUR	13,2400	13,2400	13,2400			13,2400					
Certificate	DE000CY51LU9	AALB 46TS OPENC	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	DE000CY520J7	AALB 48TS OPENC	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	DE000CY523S2	AALB 48TS OPENC	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	DE000CY51D78	AALB 50TS OPENC	EUR	17,0800	17,0800	17,0800			17,0800					
Certificate	DE000CQ5BDK7	AALB 50TS OPENC	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	NL0012985584	AALB 40.8S OPENB	EUR	8,8550	8,8550	8,8550			8,8550					
Certificate	NL0010011763	AALB 9.1TL OPENB	EUR	23,5800	23,5800	23,5800			23,5800					
Certificate	NL0010284139	AALB 13.7TL OPENB	EUR	19,4800	19,4800	19,4800			19,4800					
Certificate	NL0010898847	AALB 18.4TL OPENB	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	NL0011442926	AALB 19.98L OPENB	EUR	12,3100	12,3100	11,9850	492,4000	1	11,9850	40				
Certificate	NL0010903589	AALB 20.5TL OPENB	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	NL0010908489	AALB 21.6TL OPENB	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	NL0010926077	AALB 23.8TL OPENB	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0011906060	AALB 25.9TL OPENB	EUR	8,7100	8,7500	8,5500	871,0000	1	8,5500	100				
Certificate	DE000CR6XQ07	AALB 26.6TL OPENZ	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0012106488	AALB 30.1TL OPENB	EUR	5,0000	5,0000	4,8100	25000,0000	1	4,8100	5000				
Certificate	NL0013154727	AALB 32.3TS OPENB	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0013009772	AALB 34.3TS OPENB	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0013007909	AALB 36.3TS OPENB	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0012989073	AALB 38.2TS OPENB	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0012934509	AALB 39.1TS OPENH	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CV8AXE7	AALB 39.7TS OPENZ	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0011409776	AALB 15.13TL OPENH	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	DE000CR4H864	AALB 21.25TL OPENZ	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0011409743	AALB 22.49TL OPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0011409735	AALB 23.54TL OPENH	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	NL0011891981	AALB 24.45TL OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0013014731	AALB 24.938L OPENB	EUR	6,9450	6,9450	6,9450			6,9450					
Certificate	NL0011891973	AALB 24.97TL OPENH	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	LU1841152397	AALB 25.27CIOPENS	EUR	6,8200	6,8200	6,7200			6,7200					
Certificate	NL0011926613	AALB 25.98TL OPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	NL0013011307	AALB 26.448L OPENB	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0011993340	AALB 26.81TL OPENH	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0011993332	AALB 27.32TL OPENH	EUR	7,4300	7,4300	7,4300			7,4300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011993324	AALB 27.84TL OPENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0012029490	AALB 27.94BL OPENB	EUR	3,9900	3,9900	3,9350	399,0000	1	3,9350	100				
Certificate	DE000CD627X6	AALB 28.08TL OPENZ	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0012051296	AALB 28.86TL OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	LU1817099796	AALB 29.06TCIOPENS	EUR	2,9500	2,9500	2,8600			2,8600					
Certificate	NL0013008592	AALB 29.69BL OPENB	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000CD648R4	AALB 30.07TL OPENZ	EUR	1,8900	1,9300	1,8900	567,0000	1	1,9300	300				
Certificate	LU1859831452	AALB 30.15TCIOPENS	EUR	1,9600	1,9600	1,8700			1,8700					
Certificate	NL0013126352	AALB 30.23TL OPENH	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0013155294	AALB 32.05BS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013011398	AALB 34.04BS OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	NL0013084965	AALB 34.18TS OPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	LU1840978693	AALB 34.24TCIOPENS	EUR	2,8000	2,8800	2,8000			2,8800					
Certificate	DE000CJ3N422	AALB 35.71TS OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013007651	AALB 36.03BS OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	NL0012988893	AALB 38.02BS OPENB	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	NL0012894596	AALB 38.85TS OPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0012895072	AALB 39.14TS OPENH	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	LU1790692294	AALB 39.72TCIOPENS	EUR	8,0100	8,1000	8,0100			8,1000					
Certificate	NL0012933543	AALB 40.14TS OPENH	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	NL0012922066	AALB 41.08TS OPENH	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	LU1790427030	AALB 42.05TCIOPENS	EUR	10,1900	10,2800	10,1900			10,2800					
Certificate	NL0012919559	AALB 42.05TS OPENH	EUR	16,2900	16,2900	16,2900			16,2900					
Certificate	NL0012918460	AALB 43.04TS OPENH	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0012598221	AALB 43.67TS OPENH	EUR	18,1400	18,1400	18,1400			18,1400					
Certificate	NL0012536403	AALB 44.33TS OPENH	EUR	18,8800	18,8800	18,8800			18,8800					
Certificate	DE000CE6ETB8	AALB 44.68TS OPENZ	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0012592653	AALB 45.59TS OPENH	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	NL0012530968	AALB 46.72TS OPENH	EUR	21,6100	21,6100	21,6100			21,6100					
Certificate	NL0012605315	AALB 48.71TS OPENH	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	NL0012521959	AALB 50.49TS OPENH	EUR	25,9100	25,9100	25,9100			25,9100					
Certificate	NL0012523815	AALB 50.53TS OPENH	EUR	25,9600	25,9600	25,9600			25,9600					
Certificate	NL0012593354	AALB 54.46TS OPENH	EUR	30,4400	30,4400	30,4400			30,4400					
Certificate	DE000CMAARJ8	ABB 12.69TL OPENZ	EUR	0,7050	0,7100	0,7050			0,7100					
Certificate	DE000CJ3PNA1	ABB 12.89TL OPENZ	EUR	1,2850	1,3000	1,2850			1,3000					
Certificate	DE000CK6V1W0	ABB 14.59TL OPENZ	EUR	5,4100	5,4900	5,4100			5,4900					
Certificate	DE000CN6J166	ABB 15.89TL OPENZ	EUR	0,7550	0,7700	0,7550			0,7700					
Certificate	DE000CN6KSV4	ABB 16.63TL OPENZ	EUR	3,6700	3,7500	3,6700			3,7500					
Certificate	DE000CN6L329	ABB 17.86TL OPENZ	EUR	0,4150	0,4300	0,4150			0,4300					
Certificate	DE000CJ3PXN3	ABB 19.13TL OPENZ	EUR	1,5100	1,5900	1,5100			1,5900					
Certificate	DE000CN6ERP1	ABBV 41.5TL OPENZ	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CY52SH9	ABLIZ 60TL OPENC	EUR											
Certificate	DE000CY52SG1	ABLIZ 65TL OPENC	EUR											
Certificate	DE000CN6KY55	ABLIZ30.44TL OPENZ	EUR	3,8900	3,8900	3,8800			3,8800					
Certificate	DE000CN6KZ21	ABLIZ34.91TL OPENZ	EUR	3,1300	3,1300	3,1200			3,1200					
Certificate	NL0012795983	ABN LEVOPENZ	EUR											
Certificate	NL0012796023	ABN SHROPEZ	EUR											
Certificate	XS1395021915	ABN STN0419B	EUR	107,1000	107,1000	107,1000			107,1000					
Certificate	DE000CY16LX6	ABN 15TL OPENC	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CY51BK1	ABN 16TL OPENC	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CY51402	ABN 16TL OPENC	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000CY16LW8	ABN 18TL OPENC	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000CY51BL9	ABN 18TL OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CV8A853	ABN 19TL 1218Z	EUR											
Certificate	DE000CY51634	ABN 20TL OPENC	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	DE000CY16LV0	ABN 20TL OPENC	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CY16T09	ABN 22TL OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0012976609	ABN 24BOC0619B	EUR	23,1000	23,1000	23,1000			23,1000					
Certificate	DE000CP06TM1	ABN 24TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013110521	ABN 25BOC0919Z	EUR	22,9900	23,0400	22,9100	37704,0000	6	23,0400	1640				
Certificate	NL0012796064	ABN 25BON1219Z	EUR											
Certificate	NL0012236152	ABN 26BON1218Z	EUR											
Certificate	DE000CY523D4	ABN 26TS OPENC	EUR											
Certificate	DE000CQ58238	ABN 26TS OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CQ58DM3	ABN 26TS OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CY523T0	ABN 26TS OPENC	EUR											
Certificate	NL0012648687	ABN 27BON0619Z	EUR											
Certificate	DE000CY52V34	ABN 28TS OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CQ5A768	ABN 28TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012648372	ABN 29BOC0619Z	EUR											
Certificate	DE000CY51GK0	ABN 30TS OPENC	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CY51UL9	ABN 32TS OPENC	EUR	7,7000	7,7000	7,7000			7,7000					



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Certificate	DE000CY52LV5	ABN 32TS OPENC	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CY16T17	ABN 32TS OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CY52HG4	ABN 34TS OPENC	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	NL0012684369	ABN 25.8S OPENB	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0011420625	ABN 6.3TL OPENH	EUR	17,1500	17,1500	17,0100			17,0100					
Certificate	DE000CV89YF9	ABN 12.9TL OPENZ	EUR											
Certificate	NL0011914825	ABN 13.6TL OPENB	EUR	10,1300	10,2050	10,1000	4047,5000	2	10,2050	400				
Certificate	DE000CD63A31	ABN 16.4TL OPENZ	EUR											
Certificate	NL0012024079	ABN 17.58L OPENB	EUR	5,5450	5,5450	5,5450			5,5450					
Certificate	DE000CD63DN0	ABN 18.4TL OPENZ	EUR											
Certificate	NL0013148760	ABN 24.48OC1219B	EUR	22,8400	22,8400	22,8400			22,8400					
Certificate	NL0012795744	ABN 25.58OC0619Z	EUR											
Certificate	NL0012494454	ABN 25.68OC1218B	EUR	25,5300	25,5300	25,5300			25,5300					
Certificate	NL0013003205	ABN 25.98OC0919B	EUR	22,8900	22,8900	22,8900			22,8900					
Certificate	NL0012648893	ABN 27.58OC1218Z	EUR	27,3900	27,3900	27,3900	2191,2000	2	27,3900	80				
Certificate	NL0012648679	ABN 28.58ON1218Z	EUR											
Certificate	NL0012648901	ABN 29.58OC0619Z	EUR											
Certificate	NL0011420641	ABN 3.16TL OPENH	EUR	20,0900	20,0900	19,9400			19,9400					
Certificate	NL0011420633	ABN 4.73TL OPENH	EUR	18,6200	18,6200	18,4700			18,4700					
Certificate	NL0011420617	ABN 7.88TL OPENH	EUR	15,6900	15,6900	15,5500			15,5500					
Certificate	NL0011420609	ABN 9.45TL OPENH	EUR	14,2200	14,2200	14,0800			14,0800					
Certificate	NL0011420591	ABN 10.76TL OPENH	EUR	13,0000	13,0000	12,8600			12,8600					
Certificate	NL0011420575	ABN 11.29TL OPENH	EUR	12,5100	12,5100	12,3700			12,3700					
Certificate	NL0011521158	ABN 11.68BL OPENB	EUR	11,3650	11,3650	11,3650			11,3650					
Certificate	NL0011420559	ABN 11.81TL OPENH	EUR	12,0300	12,0300	11,8800			11,8800					
Certificate	NL0013181670	ABN 13.66TL OPENH	EUR	10,3100	10,3100	10,1600			10,1600					
Certificate	DE000CD62K63	ABN 13.85TL OPENZ	EUR											
Certificate	NL0011918024	ABN 14.65TL OPENB	EUR	9,2350	9,2350	9,2350			9,2350					
Certificate	DE000CD62C22	ABN 14.93TL OPENZ	EUR											
Certificate	NL0011919626	ABN 15.16TL OPENB	EUR	8,7550	8,7550	8,7550			8,7550					
Certificate	NL0013181662	ABN 15.16TL OPENH	EUR	8,9100	8,9100	8,7700			8,7700					
Certificate	NL0012020275	ABN 15.66TL OPENB	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	DE000CD62PW7	ABN 15.92TL OPENZ	EUR											
Certificate	NL0013181654	ABN 16.66TL OPENH	EUR	7,5200	7,5200	7,3700			7,3700					
Certificate	DE000CJ3P208	ABN 16.75TL 0319Z	EUR											
Certificate	DE000CD62TQ1	ABN 16.91TL OPENZ	EUR											
Certificate	NL0012024657	ABN 17.22TL OPENB	EUR	6,8450	6,8450	6,8450			6,8450					
Certificate	LU1859831536	ABN 17.37TCIOPENS	EUR	6,0000	6,0000	5,8500			5,8500					
Certificate	NL0012036271	ABN 17.72TL OPENB	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	NL0013181647	ABN 18.16TL OPENH	EUR	6,1200	6,1200	5,9700			5,9700					
Certificate	NL0012037816	ABN 18.23TL OPENB	EUR	5,9050	5,9050	5,9050			5,9050					
Certificate	DE000CJ3P216	ABN 18.25TL 0319Z	EUR											
Certificate	NL0012038285	ABN 18.56BL OPENB	EUR	4,4950	4,4950	4,4950			4,4950					
Certificate	DE000CD64DU3	ABN 18.96TL OPENZ	EUR	4,5450	4,5500	4,5450	591,5000	1	4,5500	130				
Certificate	NL0012038293	ABN 19.08BL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0012114003	ABN 19.25TL OPENB	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0012114326	ABN 19.61BL OPENB	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	NL0013181639	ABN 19.66TL OPENH	EUR	4,7200	4,7200	4,5800			4,5800					
Certificate	DE000CJ3P224	ABN 19.75TL 0319Z	EUR											
Certificate	NL0012257760	ABN 19.75TL OPENB	EUR	4,4400	4,4850	4,4250	62,1600	1	4,4850	14				
Certificate	DE000CD64BM4	ABN 19.88TL OPENZ	EUR											
Certificate	NL0012114631	ABN 20.13BL OPENB	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	NL0012259360	ABN 20.26TL OPENB	EUR	3,9200	4,0150	3,9200	548,8000	1	4,0150	140				
Certificate	NL0013181621	ABN 20.41TL OPENH	EUR	4,0300	4,0300	3,8800			3,8800					
Certificate	NL0012258800	ABN 20.65BL OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0012794556	ABN 20.76TL OPENB	EUR	3,5450	3,5450	3,5450			3,5450					
Certificate	NL0013181613	ABN 20.91TL OPENH	EUR	3,5600	3,5600	3,4200			3,4200					
Certificate	LU1493084070	ABN 21.01TCIOPENS	EUR	3,7500	3,7500	3,6000			3,6000					
Certificate	NL0013150394	ABN 21.15BL OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0013181605	ABN 21.16TL OPENH	EUR	3,3300	3,3300	3,1800			3,1800					
Certificate	NL0013147978	ABN 21.24TL OPENB	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CJ3P9J3	ABN 21.25TL 0319Z	EUR											
Certificate	DE000CJ3PX52	ABN 21.37TL OPENZ	EUR	0,3600	0,3600	0,3200	147,7200	2	0,3200	427				
Certificate	NL0013181597	ABN 21.41TL OPENH	EUR	3,0900	3,0900	2,9500			2,9500					
Certificate	NL0013150402	ABN 21.65BL OPENB	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0013181589	ABN 21.66TL OPENH	EUR	2,8600	2,8600	2,7200			2,7200					
Certificate	NL0013150691	ABN 21.74TL OPENB	EUR	2,7300	2,7300	2,6350	16140,0000	2	2,6350	6000				
Certificate	NL0013181571	ABN 21.91TL OPENH	EUR	2,6300	2,6300	2,4800			2,4800					
Certificate	NL0013154321	ABN 22.15BL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	LU1521264090	ABN 22.23TCIOPENS	EUR	2,6100	2,6100	2,4600			2,4600					
Certificate	NL0013157035	ABN 22.24TL OPENB	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	NL0013185937	ABN 22.66TL OPENH	EUR	1,9400	1,9400	1,8000			1,8000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013153976	ABN 23.028S OPENB	EUR											
Certificate	NL0013154263	ABN 23.27TS OPENB	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0013181555	ABN 23.41TS OPENH	EUR	2,2900	2,5200	2,2900				2,5200				
Certificate	NL0013181548	ABN 23.66TS OPENH	EUR	2,5600	2,7900	2,5600				2,7900				
Certificate	NL0013009780	ABN 23.77TS OPENB	EUR	2,8250	2,8250	2,8250				2,8250				
Certificate	NL0013181530	ABN 23.91TS OPENH	EUR	2,8300	3,0600	2,8300				3,0600				
Certificate	NL0013008824	ABN 24.018S OPENB	EUR	1,3550	1,3550	1,3550				1,3550				
Certificate	NL0013181522	ABN 24.16TS OPENH	EUR	3,1000	3,3300	3,1000				3,3300				
Certificate	NL0012789945	ABN 24.23TS OPENB	EUR	3,3250	3,3250	3,3250				3,3250				
Certificate	LU1840978776	ABN 24.25TPIOPENS	EUR	1,5800	1,7400	1,5800				1,7400				
Certificate	NL0013181514	ABN 24.41TS OPENH	EUR	3,3700	3,6000	3,3700				3,6000				
Certificate	NL0013181506	ABN 24.66TS OPENH	EUR	3,6400	3,8700	3,6400				3,8700				
Certificate	NL0012789952	ABN 24.72TS OPENB	EUR	3,8650	3,8650	3,8650				3,8650				
Certificate	NL0013181498	ABN 24.91TS OPENH	EUR	3,9100	4,1400	3,9100				4,1400				
Certificate	DE000CV89BM3	ABN 24.92TS OPENZ	EUR											
Certificate	NL0013181480	ABN 25.66TS OPENH	EUR	4,7200	4,9500	4,7200				4,9500				
Certificate	NL0012683098	ABN 25.67TS OPENB	EUR	4,8850	4,8850	4,8850				4,8850				
Certificate	LU1790699620	ABN 25.81TPIOPENS	EUR	2,3500	2,5100	2,3500				2,5100				
Certificate	NL0012683775	ABN 25.978S OPENB	EUR	3,3150	3,3150	3,3150				3,3150				
Certificate	NL0012679146	ABN 26.14TS OPENB	EUR	5,3850	5,3850	5,3850				5,3850				
Certificate	NL0013181472	ABN 26.41TS OPENH	EUR	5,5300	5,7600	5,5300				5,7600				
Certificate	DE000CV89BN1	ABN 26.91TS OPENZ	EUR											
Certificate	NL0013007669	ABN 26.978S OPENB	EUR	4,3150	4,3150	4,3150				4,3150				
Certificate	NL0013181464	ABN 27.16TS OPENH	EUR	6,3400	6,5700	6,3400				6,5700				
Certificate	NL0013181456	ABN 28.66TS OPENH	EUR	7,9600	8,1900	7,9600				8,1900				
Certificate	DE000CV89ED6	ABN 28.91TS OPENZ	EUR											
Certificate	NL0013181449	ABN 30.16TS OPENH	EUR	9,5800	9,8100	9,5800				9,8100				
Certificate	NL0013181431	ABN 31.66TS OPENH	EUR	11,2000	11,4300	11,2000				11,4300				
Certificate	NL0013181423	ABN 33.16TS OPENH	EUR	12,8200	13,0600	12,8200				13,0600				
Certificate	NL0013181415	ABN 34.66TS OPENH	EUR	14,4400	14,6800	14,4400				14,6800				
Certificate	NL0013181407	ABN 36.16TS OPENH	EUR	16,0600	16,3000	16,0600				16,3000				
Certificate	NL0011904891	ABN 9.538BL OPENB	EUR	13,5150	13,5150	13,5150				13,5150				
Certificate	XS0657770458	ABN0%3MEURIBFRN24	EUR											
Certificate	NL0009980986	ABN0%INFLATNLKD22	EUR											
Certificate	DE000CNGKM26	ACCEN109.4TL OPENZ	EUR	2,2350	2,2950	2,2350				2,2950				
Certificate	DE000CE6DGE1	ACCEN123.8TL OPENZ	EUR	1,6050	1,6650	1,6050				1,6650				
Certificate	DE000CJ3NWS9	ACCEN139.9TL OPENZ	EUR	0,8950	0,9550	0,8950				0,9550				
Certificate	DE000CR9NTA0	ACCEN86.65TL OPENZ	EUR	3,2450	3,2950	3,2450				3,2950				
Certificate	DE000CR9NUP6	ACCEN97.01TL OPENZ	EUR	2,7850	2,8450	2,7850				2,8450				
Certificate	DE000CJ3N6V6	ACCG 9.6TL OPENZ	EUR	1,8850	1,8850	1,8850				1,8850				
Certificate	DE000CV8B3E3	ACCG 10.58TL OPENZ	EUR	1,6950	1,6950	1,6950				1,6950				
Certificate	DE000CV8B3F0	ACCG 11.63TL OPENZ	EUR	1,4950	1,4950	1,4950				1,4950				
Certificate	NL0013009608	ACCG 12.52TL OPENB	EUR	1,3600	1,3600	1,3600				1,3600				
Certificate	DE000CV8B3G8	ACCG 12.68TL OPENZ	EUR	1,2950	1,2950	1,2950				1,2950				
Certificate	DE000CV50608	ACCG 13.74TL OPENZ	EUR	1,0800	1,0950	1,0800	324,0000	1		1,0950	300			
Certificate	NL0012999114	ACCG 14.54TL OPENB	EUR	0,9800	0,9800	0,9800				0,9800				
Certificate	DE000CJ3PN70	ACCG 14.75TL OPENZ	EUR	0,9050	0,9050	0,9050				0,9050				
Certificate	NL0013152531	ACCG 15.53TL OPENB	EUR	0,8000	0,8000	0,8000				0,8000				
Certificate	DE000CJ3QAW0	ACCG 16.25TL OPENZ	EUR	0,6150	0,6150	0,6150				0,6150				
Certificate	NL0013152549	ACCG 16.53TL OPENB	EUR	0,5900	0,6100	0,5900	280,2500	1		0,6100	475			
Certificate	NL0013152556	ACCG 17.53TL OPENB	EUR	0,4300	0,4300	0,4300				0,4300				
Certificate	DE000CJ3QAX8	ACCG 17.75TL OPENZ	EUR	0,3250	0,3250	0,3250				0,3250				
Certificate	NL0013157514	ACCG 18.92TS OPENB	EUR	0,4000	0,4000	0,4000				0,4000				
Certificate	NL0012999155	ACCG 20.92TS OPENB	EUR	0,8300	0,8300	0,8300				0,8300				
Certificate	NL0013152622	ACCG 22.95TS OPENB	EUR	1,2700	1,2700	1,2700				1,2700				
Certificate	NL0010126686	ACCOR 19TL OPENB	EUR	2,2650	2,2650	2,2650				2,2650				
Certificate	NL0012100432	ACCOR 34TL OPENB	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	NL0011650528	ACCOR 29.7TL OPENB	EUR	1,2650	1,2650	1,2650				1,2650				
Certificate	NL0012259378	ACCOR 38.1TL OPENB	EUR	0,4950	0,4950	0,4950				0,4950				
Certificate	NL0013015456	ACCOR 41.6TS OPENB	EUR	0,4750	0,4750	0,4750				0,4750				
Certificate	NL0013001902	ACCOR 45.6TS OPENB	EUR	0,9050	0,9050	0,9050				0,9050				
Certificate	DE000CJ3QE13	ACCOR25.89TL OPENZ	EUR	1,4650	1,4850	1,4650				1,4850				
Certificate	DE000CV89CP4	ACCOR29.91TL OPENZ	EUR	1,0650	1,0850	1,0650				1,0850				
Certificate	DE000CV4YXF3	ACCOR34.96TL OPENZ	EUR	0,5650	0,5750	0,5650				0,5750				
Certificate	DE000CR4HZN3	ACKBV 92.7TL OPENZ	EUR	1,2600	1,2600	1,2600				1,2600				
Certificate	DE000CR4JAK8	ACKBV102.7TL OPENZ	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	NL0013014749	ACKBV105.68L OPENB	EUR	1,9350	1,9350	1,9350				1,9350				
Certificate	DE000CD62D13	ACKBV107.6TL OPENZ	EUR	1,7800	1,7800	1,7800				1,7800				
Certificate	DE000CD62UK2	ACKBV113.5TL OPENZ	EUR	1,4800	1,4800	1,4800				1,4800				
Certificate	NL0013007545	ACKBV115.68L OPENB	EUR	1,4350	1,4350	1,4350				1,4350				
Certificate	DE000CD63880	ACKBV119.5TL OPENZ	EUR	1,1900	1,1900	1,1900				1,1900				
Certificate	DE000CD640C3	ACKBV125.4TL OPENZ	EUR	0,8900	0,8900	0,8900				0,8900				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL001297886	ACKBV125.78L OPENB	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CE6BL84	ACKBV132.4TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CJ3N2S1	ACKBV156.7TS OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0012998124	ACKBV158.9BS OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CE6CKK5	ACKBV171.6TS OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012998132	ACKBV178.8BS OPENB	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CV88P17	ACKBV191.6TS OPENZ	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CR4J3W9	ACKBV97.68TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CJ3PN88	ACS 22.26TL OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	DE000CV8AY41	ACS 26.24TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000CJ3PMW7	ACS 30.26TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CJ3NRV3	ADECC34.65TL OPENZ	EUR	1,2500	1,3050	1,2500			1,3050					
Certificate	DE000CV89EV8	ADECC40.68TL OPENZ	EUR	0,7200	0,7650	0,7200			0,7650					
Certificate	NL0011050786	ADIDA 45TL OPENH	EUR	15,8000	15,8100	15,8000			15,8100					
Certificate	DE000CX0H807	ADIDA 80TL OPENC	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000CX01K48	ADIDA 105TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CX0KWQ7	ADIDA 120TL OPENC	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CX59M96	ADIDA 130TL OPENC	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CX59YB7	ADIDA 140TL OPENC	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CY16BS7	ADIDA 150TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CY16DJ2	ADIDA 160TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0012549497	ADIDA 165TL OPENH	EUR	4,5700	4,5900	4,5700			4,5900					
Certificate	DE000CY501T6	ADIDA 180TS OPENC	EUR											
Certificate	NL0013085293	ADIDA 210TS OPENH	EUR	2,5600	2,6300	2,5600			2,6300					
Certificate	NL0012937999	ADIDA 224TS OPENH	EUR	4,0600	4,1400	4,0600			4,1400					
Certificate	DE000CD61K80	ADIDA 121.TL OPENZ	EUR	79,2800	79,2800	79,1600			79,1600					
Certificate	NL0011050760	ADIDA 54.5TL OPENH	EUR	14,9100	14,9200	14,9100			14,9200					
Certificate	NL0011240718	ADIDA 58.8TL OPENH	EUR	14,5100	14,5200	14,5100			14,5200					
Certificate	NL0011797162	ADIDA 92.5TL OPENB	EUR	11,3050	11,3050	11,3050			11,3050					
Certificate	NL0011798913	ADIDA 98.9TL OPENB	EUR	10,7150	10,7150	10,7150			10,7150					
Certificate	NL0011803648	ADIDA104.2TL OPENB	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	NL0011733159	ADIDA105.4TL OPENH	EUR	10,1500	10,1600	10,1500			10,1600					
Certificate	NL0011818125	ADIDA109.7TL OPENB	EUR	9,7050	9,7050	9,7050			9,7050					
Certificate	DE000CN6L4W0	ADIDA109.7TL OPENZ	EUR	90,6200	90,6200	90,5000			90,5000					
Certificate	NL0011889373	ADIDA115.8TL OPENH	EUR	9,1800	9,1900	9,1800			9,1900					
Certificate	NL0011926621	ADIDA125.7TL OPENH	EUR	8,2500	8,2600	8,2500			8,2600					
Certificate	NL0011910179	ADIDA127.8TL OPENB	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	DE000CD62A73	ADIDA132.9TL OPENZ	EUR	67,3600	67,3600	67,2400			67,2400					
Certificate	NL0012033773	ADIDA134.4TL OPENB	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0011996434	ADIDA135.2TL OPENH	EUR	7,3600	7,3700	7,3600			7,3700					
Certificate	NL0012175012	ADIDA145.4TL OPENH	EUR	6,4100	6,4200	6,4100			6,4200					
Certificate	NL0012113799	ADIDA148.6TL OPENB	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	NL0012197354	ADIDA155.4TL OPENH	EUR	5,4700	5,4800	5,4700			5,4800					
Certificate	DE000CE6BXK7	ADIDA158.8TL OPENZ	EUR	4,1550	4,1550	4,1500			4,1500					
Certificate	NL0012116024	ADIDA164.4TL OPENB	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	NL0012555346	ADIDA164.8TL OPENH	EUR	4,5900	4,6000	4,5900			4,6000					
Certificate	NL0012594949	ADIDA170.5TL OPENH	EUR	4,0600	4,0700	4,0600			4,0700					
Certificate	NL0012594931	ADIDA175.6TL OPENH	EUR	3,5800	3,6000	3,5800			3,6000					
Certificate	NL0012925705	ADIDA181.2TL OPENH	EUR	3,0600	3,0700	3,0600			3,0700					
Certificate	NL0012774590	ADIDA181.4TL OPENB	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000CJ3NPL8	ADIDA188.7TL OPENZ	EUR	1,2050	1,2050	1,1900			1,1900					
Certificate	NL0013012578	ADIDA190.5TL OPENB	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	NL0013132566	ADIDA195.4TL OPENH	EUR	1,7300	1,7400	1,7300			1,7400					
Certificate	NL0013007271	ADIDA209.2TS OPENB	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0012892376	ADIDA219.3TS OPENH	EUR	3,5500	3,6300	3,5500			3,6300					
Certificate	NL0012595508	ADIDA225.1TS OPENH	EUR	4,1800	4,2600	4,1800			4,2600					
Certificate	NL0012601629	ADIDA225.6TS OPENH	EUR	4,2300	4,3000	4,2300			4,3000					
Certificate	NL0012213904	ADIDA226.9TS OPENH	EUR	4,3700	4,4500	4,3700			4,4500					
Certificate	NL0012282248	ADIDA229.9TS OPENB	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	NL0012894091	ADIDA234.3TS OPENH	EUR	5,1600	5,2400	5,1600			5,2400					
Certificate	NL0012605844	ADIDA245.5TS OPENH	EUR	6,3600	6,4400	6,3600			6,4400					
Certificate	NL0012602593	ADIDA255.2TS OPENH	EUR	7,4000	7,4800	7,4000			7,4800					
Certificate	DE000CY50XV4	ADOBE 130TL OPENC	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	DE000CY50V51	ADOBE 130TL OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000CY50XW2	ADOBE 140TL OPENC	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CY50V69	ADOBE 140TL OPENC	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CY51YP2	ADOBE 150TL OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CY51V84	ADOBE 150TL OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CY51YQ0	ADOBE 160TL OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CY51V92	ADOBE 160TL OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CY52DZ3	ADOBE 170TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CY52FC7	ADOBE 170TL OPENC	EUR	7,2700	7,2700	7,2700			7,2700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5A1A9	ADOBE 180TL OPENC	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CV52MR1	ADOBE 180TL OPENC	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012971337	ADYEN 253.BL OPENB	EUR	21,6800	21,6800	21,6800				21,6800				
Certificate	NL0012970891	ADYEN173.2TL OPENB	EUR	29,3500	29,3500	29,3500				29,3500				
Certificate	NL0012970933	ADYEN182.2BL OPENB	EUR	28,7600	28,7600	28,7600				28,7600				
Certificate	NL0012970941	ADYEN202.4BL OPENB	EUR	26,7400	26,7400	26,7400				26,7400				
Certificate	NL0012970917	ADYEN216.5TL OPENB	EUR	25,3200	25,3200	25,3200				25,3200				
Certificate	DE000CJ3QH28	ADYEN271.4TL OPENZ	EUR	3,7450	3,7450	3,7450				3,7450				
Certificate	NL0012971170	ADYEN271.9TL OPENB	EUR	20,1600	20,1600	20,1600				20,1600				
Certificate	DE000CJ3QFV1	ADYEN273.8TL OPENZ	EUR	4,0250	4,0250	4,0250				4,0250				
Certificate	NL0012971329	ADYEN303.6BL OPENB	EUR	16,6200	16,6200	16,6200				16,6200				
Certificate	DE000CJ3QC80	ADYEN308.8TL OPENZ	EUR	3,3750	3,3750	3,3750				3,3750				
Certificate	NL0012971188	ADYEN322.2TL OPENB	EUR	15,4800	15,4800	15,4800				15,4800				
Certificate	DE000CV89GH2	ADYEN348.8TL OPENZ	EUR	13,1500	13,1500	13,1500				13,1500				
Certificate	DE000CJ3PK16	ADYEN351.6TL OPENZ	EUR	2,1650	2,1650	2,1650				2,1650				
Certificate	NL0012971436	ADYEN362.5TL OPENB	EUR	12,2000	12,2000	11,7300	60342,6000	6	11,7300	5007				
Certificate	DE000VA90UF9	ADYEN376.3TL OPENV	EUR	9,0400	9,0400	9,0400				9,0400				
Certificate	NL0012971592	ADYEN384.6BL OPENB	EUR	8,5200	8,5200	8,5200				8,5200				
Certificate	DE000VA90UG7	ADYEN386.3TL OPENV	EUR	8,0400	8,0400	8,0400				8,0400				
Certificate	DE000CV89KV5	ADYEN391.5TL OPENZ	EUR	1,8300	1,8300	1,8300				1,8300				
Certificate	NL0013156433	ADYEN392.5TL OPENB	EUR	8,9500	8,9500	8,9500				8,9500				
Certificate	DE000VA90UH5	ADYEN396.3TL OPENV	EUR	7,0400	7,0400	7,0400				7,0400				
Certificate	NL0012971600	ADYEN404.8BL OPENB	EUR	6,3900	6,5000	6,3900	2713,8000	3	6,5000	420				
Certificate	DE000VA90UJ1	ADYEN406.3TL OPENV	EUR	6,0400	6,0400	6,0400				6,0400				
Certificate	DE000CJ3PPF5	ADYEN406.5TL OPENZ	EUR	1,0800	1,0800	1,0700	190,9400	2	1,0700	178				
Certificate	DE000VA90UK9	ADYEN416.3TL OPENV	EUR	5,0400	5,0400	5,0400				5,0400				
Certificate	NL0013157332	ADYEN422.5TL OPENB	EUR	6,0700	6,1700	6,0700	36470,0000	6	6,1700	6000				
Certificate	NL0013156441	ADYEN422.5TL OPENB	EUR											
Certificate	NL0012973515	ADYEN424.8BL OPENB	EUR											
Certificate	DE000VA90UL7	ADYEN426.3TL OPENV	EUR											
Certificate	DE000VA90XB2	ADYEN426.4TL OPENV	EUR	4,0500	4,0500	4,0500				4,0500				
Certificate	DE000CJ3QKW9	ADYEN426.5TL OPENZ	EUR	1,1750	1,1750	1,1750				1,1750				
Certificate	NL0013157977	ADYEN434.8BL OPENB	EUR	3,5000	3,5000	3,5000				3,5000				
Certificate	DE000VA90XC0	ADYEN436.4TL OPENV	EUR	3,0500	3,0500	3,0500				3,0500				
Certificate	DE000VA90VR2	ADYEN440.3TS OPENV	EUR											
Certificate	NL0013157100	ADYEN445.2TS OPENB	EUR											
Certificate	DE000VA90XV0	ADYEN446.4TL OPENV	EUR											
Certificate	DE000VA90T86	ADYEN450.4TS OPENV	EUR											
Certificate	DE000VA90T94	ADYEN460.4TS OPENV	EUR											
Certificate	DE000VA90UA0	ADYEN470.4TS OPENV	EUR	2,4500	2,4500	2,4500				2,4500				
Certificate	DE000VA90UB8	ADYEN480.4TS OPENV	EUR	3,3400	3,3400	3,3400				3,3400				
Certificate	DE000VA90UC6	ADYEN490.4TS OPENV	EUR	4,3400	4,3400	4,3400				4,3400				
Certificate	DE000VA90UD4	ADYEN500.4TS OPENV	EUR	5,3400	5,3400	5,3400				5,3400				
Certificate	NL0013155302	ADYEN500.6BS OPENB	EUR	6,1200	6,1600	6,1200	795,6000	1	6,1600	130				
Certificate	NL0013154735	ADYEN505.2TS OPENB	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	DE000VA90UE2	ADYEN510.4TS OPENV	EUR	6,3300	6,3300	6,3300				6,3300				
Certificate	DE000VA9C3R7	ADYEN520.4TS OPENV	EUR	7,3300	7,3300	7,3300				7,3300				
Certificate	DE000VA9C3S5	ADYEN530.4TS OPENV	EUR	8,3300	8,3300	8,3300				8,3300				
Certificate	DE000VA9C2Z2	ADYEN540.4TS OPENV	EUR	9,3300	9,3300	9,3300				9,3300				
Certificate	DE000VA9C1T7	ADYEN550.4TS OPENV	EUR	10,3100	10,3100	10,3100				10,3100				
Certificate	DE000VA9C1U5	ADYEN560.4TS OPENV	EUR	11,3100	11,3100	11,3100				11,3100				
Certificate	NL0013153018	ADYEN560.5BS OPENB	EUR	12,1500	12,1500	12,1500				12,1500				
Certificate	NL0013153356	ADYEN565.2TS OPENB	EUR	15,6400	15,6400	15,6400				15,6400				
Certificate	DE000VA9C1V3	ADYEN570.4TS OPENV	EUR	12,3100	12,3100	12,3100				12,3100				
Certificate	DE000VA9C1W1	ADYEN580.4TS OPENV	EUR	13,3100	13,3100	13,3100				13,3100				
Certificate	DE000VA9C1X9	ADYEN590.4TS OPENV	EUR	14,3100	14,3100	14,3100				14,3100				
Certificate	DE000VA9C1Y7	ADYEN600.4TS OPENV	EUR	15,3100	15,3100	15,3100				15,3100				
Certificate	DE000VA9CYM4	ADYEN610.5TS OPENV	EUR	16,3100	16,3100	16,3100				16,3100				
Certificate	NL0013151566	ADYEN620.4BS OPENB	EUR	18,1400	18,1400	18,1400				18,1400				
Certificate	NL0013007917	ADYEN623.9TS OPENB	EUR	21,9900	21,9900	21,9900				21,9900				
Certificate	NL0013006182	ADYEN680.2BS OPENB	EUR	24,1200	24,1200	24,1200				24,1200				
Certificate	NL0013005903	ADYEN683.7TS OPENB	EUR	28,4400	28,4400	28,4400				28,4400				
Certificate	NL0012997647	ADYEN739.9BS OPENB	EUR	30,0900	30,0900	30,0900				30,0900				
Certificate	NL0012997803	ADYEN742.5TS OPENB	EUR	34,7900	34,7900	34,7900				34,7900				
Certificate	NL0013000417	ADYEN799.5BS OPENB	EUR	36,0500	36,0500	36,0500				36,0500				
Certificate	FR0013123288	AE10S SHROPENS	EUR											
Certificate	FR0013123296	AE12S SHROPENS	EUR											
Certificate	FR0013123304	AE15S SHROPENS	EUR											
Certificate	DE000CE6BQR6	AEGON LEVOPENZ	EUR	27,1100	27,1100	25,2150				25,2150				
Certificate	DE000CE6BQG9	AEGON SHROPENZ	EUR	5,5450	5,9450	5,5450				5,9450				
Certificate	XS1777869857	AEGON STN0221B	EUR	100,1000	100,1000	98,8500	16932,0000	2	98,8500	17000				
Certificate	XS1649312698	AEGON STN0720B	EUR	102,7000	102,7000	101,9000				101,9000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	XS1490961247	AEGON STN0926B	EUR	107,9000	107,9000	107,8000			107,8000					
Certificate	XS1914215402	AEGON STN1121B	EUR	90,3500	90,3500	88,9500			88,9500					
Certificate	XS1536800789	AEGON STN1219B	EUR	105,7000	105,7000	105,0000			105,0000					
Certificate	LU1876928901	AEGON 3TCIOPENS	EUR	2,0800	2,0800	2,0100			2,0100					
Certificate	DE000CX00039	AEGON 3TL OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012275267	AEGON 4TL OPENB	EUR	1,2500	1,2500	1,2350	1250,0000	1	1,2350	1000				
Certificate	DE000CX59NX4	AEGON 4TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CY50040	AEGON 4TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CP06032	AEGON 5TL OPENC	EUR											
Certificate	DE000CY521M9	AEGON 5TL OPENC	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CY51X09	AEGON 5TL OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CP06222	AEGON 5TL OPENC	EUR											
Certificate	NL0012796072	AEGON 6BON0919Z	EUR	5,0600	5,0600	4,9700			4,9700					
Certificate	NL0012796080	AEGON 6BON1219Z	EUR	5,0000	5,0000	4,9100			4,9100					
Certificate	DE000VA7PTY5	AEGON 6TS 0319V	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000VA4YTV0	AEGON 6TS 1218V	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CQ5B246	AEGON 6TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP06NR3	AEGON 7TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CQ5AJW1	AEGON 7TS OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP067R3	AEGON 7TS OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CQ5ADR5	AEGON 7TS OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000C88AAN9	AEGON 8TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0009940428	AEGON 1.1TL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0011418488	AEGON 1.1TL OPENH	EUR	4,0400	4,0400	3,9900			3,9900					
Certificate	NL0010012050	AEGON 1.5TL OPENB	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	NL0010174157	AEGON 1.8TL OPENB	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	NL0010175469	AEGON 2.1TL OPENB	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CD622H0	AEGON 2.8TL OPENZ	EUR	2,3600	2,3600	2,2850			2,2850					
Certificate	DE000CX590S2	AEGON 3.2TL OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CX598P1	AEGON 3.4TL OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012030209	AEGON 3.5TL OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CX59928	AEGON 3.5TL OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	LU1521098654	AEGON 4.2TCIOPENS	EUR	1,2000	1,2000	1,1200			1,1200					
Certificate	DE000CY51LV7	AEGON 4.2TL OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012369201	AEGON 4.2TL OPENH	EUR	1,2200	1,2200	1,1700			1,1700					
Certificate	DE000CY50EG5	AEGON 4.5TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CY50FP3	AEGON 4.5TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000VA90SE6	AEGON 4.6TL 0319V	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000VA320W2	AEGON 4.6TL 1218V	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CY50WQ6	AEGON 4.6TL OPENC	EUR	0,9100	0,9400	0,9100	455,0000	1	0,9400	500				
Certificate	DE000CY51675	AEGON 4.6TL OPENC	EUR	0,8400	0,8400	0,7800	5586,0000	2	0,8300	7150				
Certificate	DE000VA71N44	AEGON 4.8TL 0319V	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000VA320X0	AEGON 4.8TL 1218V	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CY521L1	AEGON 4.8TL OPENC	EUR	0,6500	0,6500	0,6500	325,0000	1	0,6500	500				
Certificate	DE000CY52LX1	AEGON 5.2TL OPENC	EUR											
Certificate	DE000VA90SD8	AEGON 5.2TS 0319V	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000VA9C5K7	AEGON 5.4TS 0319V	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	LU1876933067	AEGON 5.5TPIOPENS	EUR	0,5100	0,5900	0,5100			0,5900					
Certificate	DE000CP23458	AEGON 5.5TS OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CQ5BHD3	AEGON 5.5TS OPENC	EUR											
Certificate	DE000VA9C2J6	AEGON 5.6TS 0319V	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0012795546	AEGON 5.7B0C0919Z	EUR	5,2100	5,2100	5,1600			5,1600					
Certificate	DE000VA7PTX7	AEGON 5.8TS 0319V	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000VA64XS1	AEGON 5.8TS 1218V	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012987218	AEGON 5.9B0C0619B	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012648703	AEGON 5.9BON0619Z	EUR	5,5200	5,5200	5,4500			5,4500					
Certificate	NL0012236590	AEGON 6.2B0C0619Z	EUR	5,8900	5,8900	5,8500			5,8500					
Certificate	NL0012792964	AEGON 6.2B0C1218B	EUR	5,4900	5,4900	5,3500	54698,0000	2	5,3500	10200				
Certificate	NL0012676241	AEGON 6.2B0C1218B	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012648919	AEGON 6.2B0C1218Z	EUR	6,1500	6,1500	6,1200			6,1200					
Certificate	DE000VA7PTZ2	AEGON 6.2TS 0319V	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CJ3QDA0	AEGON 6.2TS 0319Z	EUR	1,2000	1,2650	1,2000			1,2650					
Certificate	NL0012796353	AEGON 6.4B0C1219Z	EUR	5,1500	5,1500	5,0600			5,0600					
Certificate	NL0012648927	AEGON 6.5B0C0619Z	EUR	5,9000	5,9000	5,8300			5,8300					
Certificate	LU1876933224	AEGON 6.5TPIOPENS	EUR	1,5000	1,5800	1,5000			1,5800					
Certificate	DE000CV8AB22	AEGON 6.5TS 1218Z	EUR	1,4900	1,5650	1,4900			1,5650					
Certificate	DE000CP06PB2	AEGON 6.5TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CY521P2	AEGON 6.5TS OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012615454	AEGON 6.7TS OPENH	EUR	2,4000	2,4700	2,4000			2,4700					
Certificate	DE000CJ3P257	AEGON 6.9TS 0319Z	EUR	1,9000	1,9650	1,9000			1,9650					
Certificate	DE000CJ3NTN6	AEGON 7.3TS 1218Z	EUR	2,2900	2,3650	2,2900			2,3650					
Certificate	DE000CQ5AU22	AEGON 7.5TS OPENC	EUR	2,2600	2,2600	2,2600			2,2600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CC8AT71	AEGON 7.5TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CM3ZVU6	AEGON 0.75TL OPENZ	EUR	4,3300	4,3300	4,2650			4,2650					
Certificate	NL0011051354	AEGON 1.82TL OPENH	EUR	3,3900	3,3900	3,3300			3,3300					
Certificate	NL0011230461	AEGON 1.82TL OPENH	EUR	3,3900	3,3900	3,3400			3,3400					
Certificate	NL0011815667	AEGON 1.83BL OPENB	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0011905146	AEGON 1.98TL OPENB	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	NL0011051347	AEGON 2.11TL OPENH	EUR	3,1300	3,1300	3,0700			3,0700					
Certificate	NL0011895073	AEGON 2.28TL OPENH	EUR	2,9800	2,9800	2,9200			2,9200					
Certificate	NL0011894589	AEGON 2.38TL OPENH	EUR	2,8800	2,8800	2,8200			2,8200					
Certificate	NL0011905153	AEGON 2.47TL OPENB	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	NL0011892799	AEGON 2.47TL OPENH	EUR	2,7900	2,7900	2,7300	13650,0000	2	2,7400	5000				
Certificate	DE000CD61P10	AEGON 2.55TL OPENZ	EUR	2,6000	2,6000	2,5350			2,5350					
Certificate	NL0011896444	AEGON 2.59TL OPENH	EUR	2,6900	2,6900	2,6400			2,6400					
Certificate	NL0011906128	AEGON 2.71TL OPENB	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	NL0011930441	AEGON 2.79TL OPENH	EUR	2,5100	2,5100	2,4500			2,4500					
Certificate	NL0011979919	AEGON 2.96TL OPENH	EUR	2,3500	2,3500	2,3000			2,3000					
Certificate	NL0012021117	AEGON 2.98TL OPENB	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CD637G0	AEGON 3.06TL OPENZ	EUR	2,1100	2,1100	2,0350			2,0350					
Certificate	NL0011980164	AEGON 3.17TL OPENH	EUR	2,1700	2,1700	2,1100			2,1100					
Certificate	NL0012029078	AEGON 3.24TL OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0011989561	AEGON 3.27TL OPENH	EUR	2,0700	2,0700	2,0200			2,0200					
Certificate	DE000CD638H6	AEGON 3.37TL OPENZ	EUR	1,8100	1,8100	1,7450			1,7450					
Certificate	NL0011993431	AEGON 3.48TL OPENH	EUR	1,8800	1,8800	1,8200			1,8200					
Certificate	NL0012029524	AEGON 3.69BL OPENB	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000CD63MH3	AEGON 3.73TL OPENZ	EUR	1,4600	1,4600	1,3950			1,3950					
Certificate	DE000CX59FK7	AEGON 3.75TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012030217	AEGON 3.76TL OPENB	EUR	1,4800	1,4800	1,4750	1480,0000	1	1,4750	1000				
Certificate	NL0012306807	AEGON 3.79TL OPENH	EUR	1,5900	1,5900	1,5400			1,5400					
Certificate	DE000VN66Q68	AEGON 3.97TL OPENV	EUR											
Certificate	DE000CJ3QFF4	AEGON 3.98TL 0319Z	EUR	1,1000	1,1000	1,0350			1,0350					
Certificate	DE000CE6DGW3	AEGON 4.09TL OPENZ	EUR	1,1100	1,1100	1,0450			1,0450					
Certificate	NL0012276182	AEGON 4.21BL OPENB	EUR	0,8500	0,8500	0,8350	4122,5000	1	0,8350	4850				
Certificate	NL0012333843	AEGON 4.21TL OPENH	EUR	1,2200	1,2200	1,1600			1,1600					
Certificate	DE000CV8AB06	AEGON 4.25TL 1218Z	EUR	0,8300	0,8300	0,7650			0,7650					
Certificate	DE000CY50248	AEGON 4.25TL OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CY16T66	AEGON 4.25TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CY50EF7	AEGON 4.25TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CY16P29	AEGON 4.25TL OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012278790	AEGON 4.27TL OPENB	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CJ3QGO9	AEGON 4.28TL 0319Z	EUR	0,8000	0,8000	0,7300	657,0000	1	0,7350	900				
Certificate	NL0012432041	AEGON 4.41TL OPENH	EUR	1,0300	1,0300	0,9800			0,9800					
Certificate	NL0012500086	AEGON 4.43TL OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CE6E6J0	AEGON 4.46TL OPENZ	EUR	0,7600	0,7600	0,6900	207,0000	1	0,6950	300				
Certificate	LU1573657894	AEGON 4.54TCIOPENS	EUR	0,7700	0,7700	0,6900			0,6900					
Certificate	DE000CJ3P232	AEGON 4.58TL 0319Z	EUR	0,5100	0,5100	0,4350			0,4350					
Certificate	NL0012501977	AEGON 4.61TL OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012528509	AEGON 4.61TL OPENH	EUR	0,8500	0,8500	0,7900			0,7900					
Certificate	LU1573783252	AEGON 4.68TCIOPENS	EUR	0,5300	0,5300	0,4500			0,4500					
Certificate	LU1573723191	AEGON 4.71TCIOPENS	EUR	0,6000	0,6000	0,5200			0,5200					
Certificate	DE000CV8AB14	AEGON 4.75TL 1218Z	EUR	0,3400	0,3400	0,2600	557,7500	4	0,2650	1990				
Certificate	DE000CY51I89	AEGON 4.75TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012504435	AEGON 4.77TL OPENB	EUR	0,5300	0,5300	0,5250	979,9700	2	0,5250	1849				
Certificate	NL0012529861	AEGON 4.81TL OPENH	EUR	0,6700	0,6700	0,6000	1200,0000	1	0,6100	2000				
Certificate	LU1612296365	AEGON 4.84TCIOPENS	EUR	0,3700	0,3700	0,3000	32,0000	1	0,3000	100				
Certificate	DE000CE6FJ76	AEGON 4.88TL OPENZ	EUR											
Certificate	DE000CJ3QK22	AEGON 4.89TL OPENZ	EUR	0,1800	0,1800	0,1000	1515,0000	5	0,1150	11000				
Certificate	NL0013158199	AEGON 4.92TL OPENB	EUR	0,3900	0,3950	0,3900	975,0000	1	0,3950	2500				
Certificate	DE000CJ3P240	AEGON 4.93TL 0319Z	EUR											
Certificate	LU1612632650	AEGON 4.94TCIOPENS	EUR	0,2800	0,2800	0,2000			0,2000					
Certificate	DE000VL37EK1	AEGON 4.97TL OPENV	EUR											
Certificate	NL0012930622	AEGON 5.02TL OPENH	EUR											
Certificate	NL0013185945	AEGON 5.21TS OPENH	EUR	0,7500	0,8200	0,7500			0,8200					
Certificate	DE000CQ58YM9	AEGON 5.25TL OPENC	EUR											
Certificate	DE000CQ5A0Q7	AEGON 5.25TL OPENC	EUR											
Certificate	LU1876932929	AEGON 5.25TPIOPENS	EUR	0,2600	0,3400	0,2600			0,3400					
Certificate	DE000CJ3QH77	AEGON 5.36TS OPENZ	EUR	0,5400	0,6050	0,5400			0,6050					
Certificate	NL0012494462	AEGON 5.65BOC1218B	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	LU1876933141	AEGON 5.75TPIOPENS	EUR	0,7600	0,8300	0,7600			0,8300					
Certificate	DE000CP06TN9	AEGON 5.75TS OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CQ58DP6	AEGON 5.75TS OPENC	EUR											
Certificate	NL0011406426	AEGON 5.81TS OPENH	EUR	1,4200	1,4900	1,4200			1,4900					
Certificate	NL0011093265	AEGON 5.84TS OPENB	EUR	1,3550	1,3550	1,3550			1,3550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012919567	AEGON 5.92TS OPENH	EUR	1,5400	1,6100	1,5400			1,6100					
Certificate	NL0012586341	AEGON 6.06TS OPENH	EUR	1,6900	1,7600	1,6900			1,7600					
Certificate	DE000CV4ZHP2	AEGON 6.06TS OPENZ	EUR	1,2800	1,3450	1,2800			1,3450					
Certificate	LU1790583246	AEGON 6.18TPIOPENS	EUR	0,9900	1,0600	0,9900			1,0600					
Certificate	NL0011039953	AEGON 6.18TS OPENH	EUR	1,8300	1,9000	1,8300			1,9000					
Certificate	DE000CQ5ANT9	AEGON 6.25TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	LU1840398264	AEGON 6.35TPIOPENS	EUR	1,3300	1,4000	1,3300			1,4000					
Certificate	NL0012584387	AEGON 6.45TS OPENH	EUR	2,1200	2,2000	2,1200			2,2000					
Certificate	NL0012782577	AEGON 6.58TS OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0012605562	AEGON 6.68TS OPENH	EUR	2,3800	2,4500	2,3800			2,4500					
Certificate	DE000CJ3NVD3	AEGON 6.85TS OPENZ	EUR	2,1000	2,1750	2,1000			2,1750					
Certificate	NL0011039946	AEGON 6.92TS OPENH	EUR	2,6400	2,7100	2,6400			2,7100					
Certificate	LU1840398348	AEGON 6.93TPIOPENS	EUR	1,9000	1,9800	1,9000			1,9800					
Certificate	LU1876933497	AEGON 7.25TPIOPENS	EUR	2,2500	2,3300	2,2500			2,3300					
Certificate	NL0012926877	AEGON 7.53TS OPENH	EUR	3,3200	3,3900	3,3200			3,3900					
Certificate	DE000C8AAM1	AEGON 7.75TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012539191	AEGON 7.94TS OPENH	EUR	3,7800	3,8500	3,7800			3,8500					
Certificate	NL0012555353	AEGON 8.58TS OPENH	EUR	4,4800	4,5600	4,4800			4,5600					
Certificate	NL0012608988	AEGON 9.25TS OPENH	EUR	5,2300	5,3000	5,2300			5,3000					
Certificate	NL0012849228	AEGON 9.27TS OPENH	EUR	5,2500	5,3200	5,2500			5,3200					
Certificate	NL0011645726	AEGON2.3658L OPENB	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	NL0011907225	AEGON2.6328L OPENB	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	DE000CN6JR16	AEGON2.711TL OPENZ	EUR	2,3400	2,3400	2,2750			2,2750					
Certificate	NL0011916796	AEGON2.8988L OPENB	EUR	2,1500	2,1500	2,1450	430,0000	1	2,1450	200				
Certificate	DE000CD624T1	AEGON3.033TL OPENZ	EUR	2,0200	2,0200	1,9550			1,9550					
Certificate	DE000CD63674	AEGON3.191TL OPENZ	EUR	1,8600	1,8600	1,7950			1,7950					
Certificate	DE000CD63898	AEGON3.339TL OPENZ	EUR	1,7100	1,7100	1,6450			1,6450					
Certificate	NL0012028807	AEGON3.4278L OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CD638A1	AEGON3.489TL OPENZ	EUR	1,5700	1,5700	1,4950			1,4950					
Certificate	DE000CE6D624	AEGON3.736TL OPENZ	EUR	1,3200	1,3200	1,2450			1,2450					
Certificate	DE000CD63L87	AEGON3.887TL OPENZ	EUR	1,1700	1,1700	1,1050			1,1050					
Certificate	NL0012268809	AEGON3.9518L OPENB	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000VN66RA9	AEGON3.967TL OPENV	EUR	1,4000	1,4150	1,3950	1,4000	1	1,4150	1				
Certificate	DE000CE6D7G5	AEGON4.084TL OPENZ	EUR	0,9700	0,9700	0,8900	890,0000	1	0,9050	1000				
Certificate	DE000VN66RC5	AEGON4.167TL OPENV	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000VN66TW9	AEGON4.258TL OPENV	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CE6D7S0	AEGON4.287TL OPENZ	EUR	0,7700	0,7700	0,7050			0,7050					
Certificate	DE000VN66WF8	AEGON4.466TL OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0012488084	AEGON4.4698L OPENB	EUR	0,6400	0,6400	0,5750	10460,0000	2	0,5750	17000				
Certificate	DE000CE6E333	AEGON4.488TL OPENZ	EUR	0,5700	0,5700	0,5000	3640,0000	3	0,5050	7000				
Certificate	DE000VL2FMQ5	AEGON4.672TL OPENV	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CE6F2N0	AEGON4.687TL OPENZ	EUR	0,3800	0,3800	0,2900	1633,0000	6	0,3050	5300				
Certificate	NL0012503130	AEGON4.7268L OPENB	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000VL2FWM3	AEGON4.776TL OPENV	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000CE6F5D4	AEGON4.879TL OPENZ	EUR											
Certificate	NL0012976351	AEGON4.921TL OPENB	EUR											
Certificate	DE000VL2FXA6	AEGON4.979TL OPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	NL0013156540	AEGON5.107TS OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000VA9ORP4	AEGON5.211TS OPENV	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	NL0013156029	AEGON5.2948S OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013154743	AEGON5.357TS OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000VA9C308	AEGON5.411TS OPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CJ3QGD7	AEGON5.477TS OPENZ	EUR	0,4500	0,5250	0,4500			0,5250					
Certificate	NL0013153984	AEGON5.5458S OPENB	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0013009806	AEGON5.607TS OPENB	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000VA7TG05	AEGON5.624TS OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0011087259	AEGON5.7938S OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CE6FIC4	AEGON5.877TS OPENZ	EUR	0,8500	0,9250	0,8500			0,9250					
Certificate	NL0012696405	AEGON6.0358S OPENB	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0013000573	AEGON6.097TS OPENB	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000VLSR8W0	AEGON6.213TS OPENV	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0013000425	AEGON6.2848S OPENB	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CV4ZJ29	AEGON6.379TS OPENZ	EUR	1,3500	1,4250	1,3500			1,4250					
Certificate	DE000VL61EC8	AEGON6.411TS OPENV	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0013001183	AEGON6.5348S OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000VA1GMG9	AEGON6.579TS OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA1GN64	AEGON6.776TS OPENV	EUR	1,4700	1,4700	1,4550	1,4700	1	1,4550	1				
Certificate	NL0013002488	AEGON6.837TS OPENB	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	DE000CV88G34	AEGON6.879TS OPENZ	EUR	1,8500	1,9250	1,8500			1,9250					
Certificate	DE000VA1ST56	AEGON6.971TS OPENV	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000VN61YT6	AEX LEVOPENV	EUR	5,0900	5,1900	5,0900	127,2500	1	5,1900	25				
Certificate	DE000VN61YS8	AEX LEVOPENV	EUR	7,9800	7,9800	7,9800			7,9800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN61YP4	AEX LEVOPENV	EUR	15,1250	15,1250	15,1250			15,1250					
Certificate	DE000VN61YN9	AEX LEVOPENV	EUR	15,5450	15,5450	15,5450			15,5450					
Certificate	DE000VN61YM1	AEX LEVOPENV	EUR	14,5550	14,5550	14,5550			14,5550					
Certificate	DE000VN61YR0	AEX LEVOPENV	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	DE000VN61YQ2	AEX LEVOPENV	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	DE000VA234Q5	AEX SHROPENV	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000VN61YV2	AEX SHROPENV	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VN61YW0	AEX SHROPENV	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000VN61YZ3	AEX SHROPENV	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000VA545V4	AEX SHROPENV	EUR	11,3450	11,3450	11,3450			11,3450					
Certificate	DE000VN61YY6	AEX SHROPENV	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000VN61YX8	AEX SHROPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VN61Y06	AEX SHROPENV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN61YU4	AEX SHROPENV	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0011219696	AEX STN0123V	EUR											
Certificate	NL0012248330	AEX STN0523V	EUR											
Certificate	NL0012247746	AEX STN0523V	EUR	99,7500	99,7500	99,7500			99,7500					
Certificate	NL0012249775	AEX STN0723V	EUR											
Certificate	NL0010733770	AEX STN0920V	EUR											
Certificate	NL0012236442	AEX 55BON0619Z	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0012236426	AEX 55BON1218Z	EUR	5,4800	5,4800	5,4800	2192,0000	1	5,4800	400				
Certificate	NL0012236459	AEX 58BON0619Z	EUR	5,5800	5,5900	5,5800			5,5900					
Certificate	NL0012236434	AEX 59BON1218Z	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0012236467	AEX 65BON0619Z	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012236525	AEX 0.9PRO0619Z	EUR	97,1500	97,1600	97,1500			97,1600					
Certificate	NL0012236566	AEX 0.9PRO0619Z	EUR	93,7400	93,7500	93,7400			93,7500					
Certificate	NL0009940188	AEX 192TL OPENB	EUR	33,4300	33,4300	33,4300			33,4300					
Certificate	NL0010010450	AEX 206TL OPENB	EUR	32,0750	32,0750	32,0750			32,0750					
Certificate	NL0010010476	AEX 213TL OPENB	EUR	31,3890	31,3890	31,3890			31,3890					
Certificate	NL0010010724	AEX 223TL OPENB	EUR	30,4680	30,4680	30,4680			30,4680					
Certificate	NL0010124681	AEX 226TL OPENB	EUR	30,1300	30,1300	30,1300			30,1300					
Certificate	NL0010174116	AEX 233TL OPENB	EUR	29,4590	29,4590	29,4590			29,4590					
Certificate	NL0010174124	AEX 236TL OPENB	EUR	29,1220	29,1220	29,1220			29,1220					
Certificate	NL0010174546	AEX 246TL OPENB	EUR	28,1280	28,1280	28,1280			28,1280					
Certificate	NL0010174587	AEX 250TL OPENB	EUR	27,7900	27,7900	27,7900			27,7900					
Certificate	NL0010174595	AEX 253TL OPENB	EUR	27,5050	27,5050	27,5050			27,5050					
Certificate	NL0010175048	AEX 255TL OPENB	EUR	27,2360	27,2360	27,2360			27,2360					
Certificate	NL0010175337	AEX 259TL OPENB	EUR	26,9080	26,9080	26,9080			26,9080					
Certificate	NL0010175345	AEX 262TL OPENB	EUR	26,5710	26,5710	26,5710			26,5710					
Certificate	NL0010175410	AEX 266TL OPENB	EUR	26,2430	26,2430	26,2430			26,2430					
Certificate	NL0010251708	AEX 269TL OPENB	EUR	25,9100	25,9100	25,9100			25,9100					
Certificate	NL0010252250	AEX 276TL OPENB	EUR	25,2400	25,2400	25,2400			25,2400					
Certificate	NL0010287892	AEX 282TL OPENB	EUR	24,6290	24,6290	24,5840	12314,5100	3	24,5840	500				
Certificate	NL0010440947	AEX 286TL OPENB	EUR	24,2540	24,2540	24,2540			24,2540					
Certificate	NL0010441242	AEX 289TL OPENB	EUR	23,9210	23,9210	23,9210			23,9210					
Certificate	NL0010441259	AEX 293TL OPENB	EUR	23,5900	23,5900	23,5900			23,5900					
Certificate	NL0010441580	AEX 296TL OPENB	EUR	23,2690	23,2690	23,2690			23,2690					
Certificate	NL0010442232	AEX 306TL OPENB	EUR	22,2830	22,2830	22,2830			22,2830					
Certificate	NL0010442240	AEX 309TL OPENB	EUR	21,9620	21,9620	21,9620			21,9620					
Certificate	NL0010442687	AEX 313TL OPENB	EUR	21,6370	21,6370	21,6370			21,6370					
Certificate	NL0010145884	AEX 320TL OPENA	EUR											
Certificate	NL0010515516	AEX 320TL OPENB	EUR	20,8870	20,8870	20,8870			20,8870					
Certificate	NL0010151932	AEX 322TL OPENA	EUR											
Certificate	NL0010515524	AEX 323TL OPENB	EUR	20,5770	20,5770	20,5770			20,5770					
Certificate	NL0010151940	AEX 324TL OPENA	EUR											
Certificate	NL0010155776	AEX 326TL OPENA	EUR											
Certificate	NL0010891560	AEX 333TL OPENB	EUR	19,6650	19,6650	19,6650			19,6650					
Certificate	DE000CX0K9F0	AEX 333TL OPENC	EUR	22,5700	22,5700	22,5700			22,5700					
Certificate	NL0010891586	AEX 337TL OPENB	EUR	19,2370	19,2370	19,2370			19,2370					
Certificate	NL0010891677	AEX 339TL OPENB	EUR	19,0210	19,0210	19,0210			19,0210					
Certificate	NL0010893897	AEX 341TL OPENB	EUR	18,8050	18,8050	18,8050			18,8050					
Certificate	NL0010893905	AEX 344TL OPENB	EUR	18,5890	18,5890	18,5890			18,5890					
Certificate	NL0011602560	AEX 347TL OPENH	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	NL0011648399	AEX 351TL OPENB	EUR	17,8640	17,8640	17,8640			17,8640					
Certificate	NL0011649140	AEX 355TL OPENB	EUR	17,4610	17,4610	17,4610			17,4610					
Certificate	NL0011649157	AEX 357TL OPENB	EUR	17,2570	17,2570	17,2570			17,2570					
Certificate	NL0011649173	AEX 361TL OPENB	EUR	16,8490	16,8490	16,8490			16,8490					
Certificate	NL0011649199	AEX 366TL OPENB	EUR	16,4380	16,4380	16,4380			16,4380					
Certificate	NL0011649884	AEX 368TL OPENB	EUR	16,2360	16,2360	16,2360			16,2360					
Certificate	DE000CX00AQ9	AEX 369TL OPENC	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0011649900	AEX 370TL OPENB	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	NL0011650973	AEX 373TL OPENB	EUR	15,7190	15,7190	15,7190			15,7190					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011722939	AEX 376TL OPENH	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	NL0011705330	AEX 378TL OPENH	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	NL0011654355	AEX 380TL OPENB	EUR	15,0080	15,0080	15,0080			15,0080					
Certificate	DE000CV3ALZ7	AEX 380TL OPENC	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	NL0011654371	AEX 384TL OPENB	EUR	14,5950	14,5950	14,5950			14,5950					
Certificate	DE000CJ3QJV3	AEX 385TL 0319Z	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	NL0011817838	AEX 385TL OPENB	EUR	14,4950	14,4950	14,4950			14,4950					
Certificate	DE000CX00A09	AEX 390TL OPENC	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	DE000CJ3N690	AEX 392TL 1218Z	EUR	13,0860	13,0860	13,0860			13,0860					
Certificate	NL0011898721	AEX 392TL OPENB	EUR	13,8860	13,8860	13,8860			13,8860					
Certificate	NL0011901012	AEX 394TL OPENB	EUR	13,6860	13,6860	13,6860			13,6860					
Certificate	NL0011901020	AEX 395TL OPENB	EUR	13,5860	13,5860	13,5860			13,5860					
Certificate	NL0011905054	AEX 399TL OPENB	EUR	13,1430	13,1430	13,1430			13,1430					
Certificate	DE000CX00BG8	AEX 400TL OPENC	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	DE000CJ3P6C4	AEX 401TL 0319Z	EUR	12,0230	12,0230	12,0230			12,0230					
Certificate	NL0011906920	AEX 402TL OPENB	EUR	12,7060	12,8460	12,7060	1270,6000	1	12,8460	100				
Certificate	NL0011906938	AEX 404TL OPENB	EUR	12,6440	12,6440	12,6440			12,6440					
Certificate	NL0011926381	AEX 405TL OPENH	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	DE000CX00DD1	AEX 406TL OPENC	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	NL0011926373	AEX 406TL OPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0011926365	AEX 407TL OPENH	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	DE000CV888T9	AEX 408TL 1218Z	EUR	11,4880	11,4880	11,4880			11,4880					
Certificate	NL0011906953	AEX 408TL OPENB	EUR	12,2370	12,2370	12,2370			12,2370					
Certificate	DE000CX00KM7	AEX 411TL OPENC	EUR	14,4400	14,4400	14,4400			14,4400					
Certificate	DE000CX01XW7	AEX 412TL OPENC	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	DE000CX00KP0	AEX 413TL OPENC	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0012016752	AEX 414TL OPENB	EUR	11,6770	11,6770	11,6770			11,6770					
Certificate	DE000CJ3P2K6	AEX 417TL 0319Z	EUR	10,4220	10,4220	10,4220			10,4220					
Certificate	NL0012029011	AEX 419TL OPENB	EUR	11,1850	11,1850	11,1850			11,1850					
Certificate	DE000CX0KW94	AEX 420TL OPENC	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	NL0012029946	AEX 422TL OPENB	EUR	10,8850	10,8850	10,8850			10,8850					
Certificate	DE000CV8AU78	AEX 424TL 1218Z	EUR	9,8910	9,8910	9,8910			9,8910					
Certificate	NL0012029953	AEX 424TL OPENB	EUR	10,5020	10,6800	10,4550	1815,4400	3	10,6800	172				
Certificate	LU1449143335	AEX 425TL 0133S	EUR											
Certificate	NL0012031850	AEX 425TL OPENB	EUR	10,5860	10,5860	10,5860			10,5860					
Certificate	DE000CX01UB7	AEX 425TL OPENC	EUR											
Certificate	NL0012036867	AEX 427TL OPENB	EUR	10,4270	10,4270	10,4270			10,4270					
Certificate	LU1732548497	AEX 428TL OPENS	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CX0KYX9	AEX 430TL OPENC	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	DE000CJ3PH03	AEX 432TL 1218Z	EUR	9,0930	9,0930	9,0930			9,0930					
Certificate	NL0012036891	AEX 432TL OPENB	EUR	9,9220	9,9220	9,9220			9,9220					
Certificate	DE000CJ3P6D2	AEX 433TL 0319Z	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0012038137	AEX 435TL OPENB	EUR	9,6220	9,6220	9,6220			9,6220					
Certificate	DE000CX59FA8	AEX 436TL OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CX0KYI8	AEX 436TL OPENC	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	NL0012038921	AEX 438TL OPENB	EUR	9,3180	9,3180	9,3180			9,3180					
Certificate	DE000CV8A8L8	AEX 440TL 1218Z	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	DE000CX59HH9	AEX 440TL OPENC	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000CJ3QDH5	AEX 441TL 0319Z	EUR	8,0190	8,0190	8,0190			8,0190					
Certificate	DE000CX59F79	AEX 442TL OPENC	EUR											
Certificate	NL0012040216	AEX 444TL OPENB	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CX59HK3	AEX 444TL OPENC	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CJ3N7A8	AEX 448TL 1218Z	EUR	7,4970	7,4970	7,4970			7,4970					
Certificate	DE000CJ3P6E0	AEX 449TL 0319Z	EUR	7,2190	7,2190	7,2190			7,2190					
Certificate	NL0012098881	AEX 450TL OPENB	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	NL0012098899	AEX 451TL OPENB	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	NL0012100390	AEX 453TL OPENB	EUR	7,8230	7,8230	7,8230			7,8230					
Certificate	NL0012100408	AEX 454TL OPENB	EUR	7,6280	7,6230	7,6230	1525,6000	1	7,7230	200				
Certificate	DE000CX59WE5	AEX 454TL OPENC	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012100705	AEX 455TL OPENB	EUR	7,6240	7,6240	7,6240			7,6240					
Certificate	DE000CV8A9R3	AEX 456TL 1218Z	EUR	6,6970	6,6970	6,6970			6,6970					
Certificate	NL0012108898	AEX 456TL OPENB	EUR	7,5210	7,5210	7,5210			7,5210					
Certificate	DE000CX59XD5	AEX 456TL OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CJ3P6F7	AEX 457TL 0319Z	EUR	6,4220	6,4220	6,4220			6,4220					
Certificate	DE000CX59X77	AEX 457TL OPENC	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000CX59N2	AEX 458TS OPENC	EUR											
Certificate	DE000CX59GJ8	AEX 458TS OPENC	EUR											
Certificate	DE000CX59ZK5	AEX 460TL OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CX59XF0	AEX 460TL OPENC	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000CX594C8	AEX 460TS OPENC	EUR											
Certificate	DE000CX598F2	AEX 460TS OPENC	EUR											
Certificate	DE000CX59ZL3	AEX 461TL OPENC	EUR	7,7900	7,9400	7,6000	7695,0000	2	7,9400	1000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX59ZM1	AEX 462TL OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CY0AU9	AEX 463TL OPENC	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CV8B8Y0	AEX 464TL 1218Z	EUR	5,8970	5,8970	5,8970			5,8970					
Certificate	DE000CY0AJK7	AEX 464TL OPENC	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000CX59XH6	AEX 464TL OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000CJ3P2L4	AEX 465TL 0319Z	EUR	5,6270	5,6270	5,6270			5,6270					
Certificate	DE000CX59ZN9	AEX 465TL OPENC	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	DE000CY0AKH1	AEX 465TL OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA8F477	AEX 466TL 0319V	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CX59ZP4	AEX 466TL OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000VA8F5A6	AEX 466TL OPENV	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000VA8F2L0	AEX 468TL 0319V	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CJ3PPW0	AEX 468TL 1218Z	EUR	5,4970	5,4970	5,4970			5,4970					
Certificate	DE000VA8F2X5	AEX 468TL OPENV	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000CY0AM05	AEX 469TL OPENC	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000VA71VM3	AEX 469TL OPENV	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000VA71UW4	AEX 470TL 0319V	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CY0AKK5	AEX 470TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CY0AM21	AEX 471TL OPENC	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000VA71VP6	AEX 471TL OPENV	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000VA71UX2	AEX 472TL 0319V	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CV8A9S1	AEX 472TL 1218Z	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CJ3P6G5	AEX 473TL 0319Z	EUR	4,8360	4,8360	4,8360			4,8360					
Certificate	DE000CY0ANJ1	AEX 473TL OPENC	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000CY0AM47	AEX 473TL OPENC	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA71VR2	AEX 473TL OPENV	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VA71UY0	AEX 474TL 0319V	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CY0AM54	AEX 474TL OPENC	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000VN6Y9U8	AEX 474TL OPENV	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000CP07EX8	AEX 475TL 0319C	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CY0ANE2	AEX 475TL OPENC	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VA71QV4	AEX 476TL 0319V	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CJ3PAN1	AEX 476TL 1218Z	EUR	4,6960	4,6960	4,6960			4,6960					
Certificate	DE000CY0ANL7	AEX 476TL OPENC	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA71RJ7	AEX 476TL OPENV	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CJ3QG11	AEX 477TL 0319Z	EUR	4,4440	4,4440	4,4440			4,4440					
Certificate	DE000CY0AW45	AEX 477TL OPENC	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CP07EW0	AEX 478TL 0319C	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000VA71QW2	AEX 478TL 0319V	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CY0AWK0	AEX 478TL OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000VA71RK5	AEX 478TL OPENV	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CY0AWF0	AEX 479TL OPENC	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CP07EV2	AEX 480TL 0319C	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VA71QX0	AEX 480TL 0319V	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CV8AKZ9	AEX 480TL 1218Z	EUR	4,3020	4,3020	4,3020			4,3020					
Certificate	DE000CY0AWL8	AEX 480TL OPENC	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CY0AWG8	AEX 480TL OPENC	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000VAGEBF8	AEX 480TL OPENV	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CJ3P6H3	AEX 481TL 0319Z	EUR	4,0520	4,0520	4,0520			4,0520					
Certificate	NL0012198709	AEX 481TL OPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CP07EU4	AEX 482TL 0319C	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000VA71QY8	AEX 482TL 0319V	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000VA8F105	AEX 482TL 1218V	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CY0AWM6	AEX 482TL OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CY165F9	AEX 482TL OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CY0AXA9	AEX 482TL OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0012200158	AEX 482TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	LU1732548570	AEX 482TL OPENS	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VAGEBG6	AEX 482TL OPENV	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000VAGEBH4	AEX 483TL OPENV	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CP07ET6	AEX 484TL 0319C	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000VA71QZ5	AEX 484TL 0319V	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CJ3N7B6	AEX 484TL 1218Z	EUR	3,9010	3,9010	3,9010			3,9010					
Certificate	DE000CY165G7	AEX 484TL OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CY0AYD1	AEX 484TL OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000VAGEBJ0	AEX 484TL OPENV	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CJ3P8V0	AEX 485TL 0319Z	EUR	3,6620	3,6620	3,6620			3,6620					
Certificate	DE000VA3ZYL0	AEX 485TL 1218V	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CY165H5	AEX 485TL OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CY0AYE9	AEX 485TL OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000VAGEBK8	AEX 485TL OPENV	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CP07ES8	AEX 486TL 0319C	EUR	3,5900	3,5900	3,5900			3,5900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71Q09	AEX 486TL 0319V	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000VA32YN6	AEX 486TL 1218V	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CJ3PPX8	AEX 486TL 1218Z	EUR	3,7020	3,7020	3,7020			3,7020					
Certificate	DE000CY16553	AEX 486TL OPENC	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000VA6EBL6	AEX 486TL OPENV	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000VA32YQ9	AEX 487TL 1218V	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CY165J1	AEX 487TL OPENC	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000CY165B8	AEX 487TL OPENC	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000VA6EBM4	AEX 487TL OPENV	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP07ER0	AEX 488TL 0319C	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VA7TD65	AEX 488TL 0319V	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VA32Y55	AEX 488TL 1218V	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CV8A9T9	AEX 488TL 1218Z	EUR	3,5030	3,5030	3,5030			3,5030					
Certificate	DE000CY165N3	AEX 488TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012200984	AEX 488TL OPENH	EUR	3,7600	4,0300	3,7600	37650,0000	2	4,0300	10000				
Certificate	DE000VA6EBN2	AEX 488TL OPENV	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CJ3P2M2	AEX 489TL 0319Z	EUR	3,2730	3,2730	3,2730			3,2730					
Certificate	DE000VA32YU1	AEX 489TL 1218V	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CY165Q6	AEX 489TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012200976	AEX 489TL OPENH	EUR	3,9600	3,9600	3,9300	7920,0000	1	3,9300	2000				
Certificate	DE000VA6EBP7	AEX 489TL OPENV	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CP06R61	AEX 490TL 0319C	EUR	3,1000	3,2000	3,1000	3410,0000	1	3,2000	1100				
Certificate	DE000VA7TCH8	AEX 490TL 0319V	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000VA32YW7	AEX 490TL 1218V	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CJ3PPY6	AEX 490TL 1218Z	EUR	3,3110	3,3110	3,3110			3,3110					
Certificate	DE000CY165K9	AEX 490TL OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000VA6EBQ5	AEX 490TL OPENV	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000VA32Y33	AEX 491TL 1218V	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CY165L7	AEX 491TL OPENC	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CY165S2	AEX 491TL OPENC	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000VA6EBR3	AEX 491TL OPENV	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CP07EQ2	AEX 492TL 0319C	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000VA7TCL0	AEX 492TL 0319V	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000VA32Y09	AEX 492TL 1218V	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CJ3N260	AEX 492TL 1218Z	EUR	3,0580	3,1040	2,8630	7009,3800	6	3,1040	2360				
Certificate	NL0012259113	AEX 492TL OPENB	EUR	3,9890	3,9890	3,9890			3,9890					
Certificate	DE000CY165W4	AEX 492TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CJ3P6J9	AEX 493TL 0319Z	EUR	2,8880	2,8880	2,8880			2,8880					
Certificate	DE000VA32Y25	AEX 493TL 1218V	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012259121	AEX 493TL OPENB	EUR	3,6970	3,8970	3,6520	13571,7000	5	3,8870	3600				
Certificate	DE000CY16A42	AEX 493TL OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CY165X2	AEX 493TL OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CP07EP4	AEX 494TL 0319C	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000VA7TCM8	AEX 494TL 0319V	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VA32Y41	AEX 494TL 1218V	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CJ3PH11	AEX 494TL 1218Z	EUR	2,9140	2,9140	2,9140			2,9140					
Certificate	DE000CY16A00	AEX 494TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0011806435	AEX 495B0C1218B	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CP06R53	AEX 495TL 0319C	EUR	2,5200	2,7200	2,5200	100,8000	1	2,7200	40				
Certificate	DE000VA8F444	AEX 495TL 0319V	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CJ3QG29	AEX 495TL 0319Z	EUR	2,6960	2,6960	2,6960			2,6960					
Certificate	DE000VA32Y66	AEX 495TL 1218V	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CY16A59	AEX 495TL OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CY16A18	AEX 495TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CP07EN9	AEX 496TL 0319C	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VA7PW25	AEX 496TL 0319V	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VA32Y82	AEX 496TL 1218V	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CV8A9U7	AEX 496TL 1218Z	EUR	2,7160	2,7160	2,7160			2,7160					
Certificate	NL0012366538	AEX 496TL OPENH	EUR	3,2500	3,2500	3,2300	6500,0000	1	3,2300	2000				
Certificate	DE000VA8F2F2	AEX 497TL 0319V	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CJ3PGK7	AEX 497TL 0319Z	EUR	2,5060	2,5060	2,5060			2,5060					
Certificate	DE000VA32ZA0	AEX 497TL 1218V	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CY16A67	AEX 497TL OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CP07EM1	AEX 498TL 0319C	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VA7PW41	AEX 498TL 0319V	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000VA32ZC6	AEX 498TL 1218V	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CJ3PQF3	AEX 498TL 1218Z	EUR	2,5210	2,5210	2,5210			2,5210					
Certificate	DE000CY16DQ7	AEX 498TL OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CJ3QG37	AEX 499TL 0319Z	EUR	2,3160	2,3160	2,3160			2,3160					
Certificate	DE000VA32ZE2	AEX 499TL 1218V	EUR	2,5000	2,5000	2,4600	250,0000	1	2,4600	100				
Certificate	DE000CY16DR5	AEX 499TL OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CY16A91	AEX 499TL OPENC	EUR	4,4700	4,4700	4,4700			4,4700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012436950	AEX 499TL OPENH	EUR	3,0000	3,0000	2,5500	140532,0000	24	2,9300	53000				
Certificate	DE000VL76CT4	AEX 499TL OPENV	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CP06R46	AEX 500TL 0319C	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000VA7PW58	AEX 500TL 0319V	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CP06LJ4	AEX 500TL 1218C	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VA3ZG7	AEX 500TL 1218V	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CJ3PQG1	AEX 500TL 1218Z	EUR	2,2920	2,2920	2,2920			2,2920					
Certificate	DE000CY16DS3	AEX 500TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000VA90TY2	AEX 500TL OPENV	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VL76CU2	AEX 500TL OPENV	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CQ58YE6	AEX 501TL 0319C	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CJ3P6L5	AEX 501TL 0319Z	EUR	2,1270	2,1270	2,1270			2,1270					
Certificate	DE000CP23086	AEX 501TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CY16DT1	AEX 501TL OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CY16E30	AEX 501TL OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CQ58Y50	AEX 501TL OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VL9VX62	AEX 501TL OPENV	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VL76CV0	AEX 501TL OPENV	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CQ58YF3	AEX 502TL 0319C	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA87J51	AEX 502TL 0319V	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VA87GX7	AEX 502TL 1218V	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CQ58Y76	AEX 502TL OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000VA87J42	AEX 502TL OPENV	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CJ3QG45	AEX 503TL 0319Z	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CY16HH7	AEX 503TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CP23094	AEX 503TL OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CQ58Y84	AEX 503TL OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CY16DV7	AEX 503TL OPENC	EUR	3,2800	3,6300	3,2800	3885,0500	3	3,6300	1101				
Certificate	DE000VL76CW8	AEX 503TL OPENV	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000VL76PJ7	AEX 503TL OPENV	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CQ58YG1	AEX 504TL 0319C	EUR	1,8800	1,8800	1,6900	1402,6000	2	1,8700	770				
Certificate	DE000VA87JU7	AEX 504TL 0319V	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000VA87G03	AEX 504TL 1218V	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CQ58Y92	AEX 504TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000VA87J59	AEX 504TL OPENV	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CQ58YH9	AEX 505TL 0319C	EUR	1,7700	1,7800	1,4900	1483,8000	6	1,7800	894				
Certificate	DE000VA90U26	AEX 505TL 0319V	EUR											
Certificate	DE000CJ3QKP3	AEX 505TL 0319Z	EUR	1,7520	1,7520	1,7520			1,7520					
Certificate	DE000CP230A3	AEX 505TL OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY16HC8	AEX 505TL OPENC	EUR	3,5000	3,5400	3,0800	193948,9800	135	3,4400	60263				
Certificate	DE000CQ58YA4	AEX 505TL OPENC	EUR	1,8000	1,8800	1,8000	1628,0000	2	1,8800	900				
Certificate	DE000CY16HJ3	AEX 505TL OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	LU1732547176	AEX 505TL OPENS	EUR											
Certificate	DE000VL61QM1	AEX 505TL OPENV	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000VN66F12	AEX 505TL OPENV	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CQ58YJ5	AEX 506TL 0319C	EUR	1,3600	1,6900	1,3500	279,0000	2	1,6900	200				
Certificate	DE000VA87JV5	AEX 506TL 0319V	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VA87G52	AEX 506TL 1218V	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CY16MW6	AEX 506TL OPENC	EUR	3,3500	3,3500	3,3000	8375,0000	2	3,3000	2500				
Certificate	DE000CQ58YB2	AEX 506TL OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CY16N05	AEX 506TL OPENC	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CY515L3	AEX 506TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CY50EC4	AEX 506TL OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CY16HD6	AEX 506TL OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CY515W0	AEX 506TL OPENC	EUR	2,4500	2,5300	2,4400	1225,0000	2	2,5300	500				
Certificate	DE000VL61QN9	AEX 506TL OPENV	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VA87J67	AEX 506TL OPENV	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CJ3QKQ1	AEX 507TL 0319Z	EUR	1,3230	1,5650	1,2600	773,4000	3	1,5650	600				
Certificate	DE000CP23763	AEX 507TL OPENC	EUR	1,6700	1,6700	1,6200	250,5000	1	1,6200	150				
Certificate	DE000CP230B1	AEX 507TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CY515X8	AEX 507TL OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CQ58YCO	AEX 507TL OPENC	EUR	1,7100	1,7100	1,4000	10900,5000	15	1,6800	7350				
Certificate	DE000CY515M1	AEX 507TL OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CY16MX4	AEX 507TL OPENC	EUR	3,2000	3,2000	2,9900	2520,0000	3	3,2000	800				
Certificate	DE000VN66F38	AEX 507TL OPENV	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CQ58YK3	AEX 508TL 0319C	EUR											
Certificate	DE000VA90WS8	AEX 508TL 0319V	EUR	1,6000	1,6000	1,5400	954,0000	2	1,5400	600				
Certificate	DE000CP23771	AEX 508TL OPENC	EUR	1,4600	1,5200	1,4500	197,1000	1	1,5200	135				
Certificate	DE000CY515N9	AEX 508TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CY50JE9	AEX 508TL OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CY16N13	AEX 508TL OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CQ58YD8	AEX 508TL OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA90WG3	AEX 508TL OPENV	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CP237A8	AEX 508TS 0319C	EUR											
Certificate	DE000CP23045	AEX 509TL 0319C	EUR											
Certificate	DE000VA90WL3	AEX 509TL 0319V	EUR	1,1500	1,4500	1,1450	188,2500	2	1,4500	150				
Certificate	DE000CP23789	AEX 509TL OPENC	EUR	1,2200	1,4300	1,1500	592,5000	2	1,4300	500				
Certificate	DE000CP230C9	AEX 509TL OPENC	EUR											
Certificate	DE000CP23003	AEX 509TL OPENC	EUR											
Certificate	DE000CY16QE5	AEX 509TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP23052	AEX 510TL 0319C	EUR											
Certificate	DE000CY16N21	AEX 510TL OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CP23797	AEX 510TL OPENC	EUR	1,3500	1,3900	0,9500	128896,7100	62	1,3200	108050				
Certificate	DE000CP23011	AEX 510TL OPENC	EUR											
Certificate	DE000CP230D7	AEX 510TL OPENC	EUR											
Certificate	DE000CY16QQ9	AEX 510TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY16R19	AEX 510TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CY16QL0	AEX 510TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VA90WH1	AEX 510TL OPENV	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CP237B6	AEX 510TS 0319C	EUR											
Certificate	DE000CP23060	AEX 511TL 0319C	EUR											
Certificate	DE000CP230E5	AEX 511TL OPENC	EUR											
Certificate	DE000CP23029	AEX 511TL OPENC	EUR											
Certificate	DE000CP23078	AEX 512TL 0319C	EUR											
Certificate	DE000CP23037	AEX 512TL OPENC	EUR											
Certificate	DE000VA90WJ7	AEX 512TL OPENV	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP230J4	AEX 513TL OPENC	EUR											
Certificate	DE000CP230F2	AEX 513TL OPENC	EUR											
Certificate	DE000CP230Q9	AEX 514TL 0319C	EUR											
Certificate	DE000CP230K2	AEX 514TL OPENC	EUR											
Certificate	LU1732547259	AEX 514TL OPENS	EUR											
Certificate	DE000CP230R7	AEX 515TL 0319C	EUR											
Certificate	DE000CP230L0	AEX 515TL OPENC	EUR											
Certificate	DE000CP230G0	AEX 515TL OPENC	EUR											
Certificate	DE000CP230S5	AEX 516TL 0319C	EUR											
Certificate	DE000CP230M8	AEX 516TL OPENC	EUR											
Certificate	DE000CP230N6	AEX 517TL OPENC	EUR											
Certificate	DE000CP230H8	AEX 517TL OPENC	EUR											
Certificate	DE000CP230T3	AEX 518TL 0319C	EUR											
Certificate	DE000CP230P1	AEX 518TL OPENC	EUR											
Certificate	DE000CP230X5	AEX 519TL OPENC	EUR											
Certificate	DE000CP230U1	AEX 519TL OPENC	EUR											
Certificate	LU1732547333	AEX 519TL OPENS	EUR											
Certificate	DE000CP231V7	AEX 519TS OPENC	EUR											
Certificate	DE000CP231U9	AEX 521TS OPENC	EUR											
Certificate	DE000VA90S53	AEX 521TS OPENV	EUR											
Certificate	LU1876838076	AEX 522TCIOPENS	EUR											
Certificate	LU1876838159	AEX 523TCIOPENS	EUR											
Certificate	DE000CJ3QJW1	AEX 523TS 0319Z	EUR											
Certificate	DE000CP231T1	AEX 523TS OPENC	EUR	0,4500	0,8200	0,4500	2804,0000	10	0,5800	3850				
Certificate	DE000VA90S95	AEX 523TS OPENV	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CP231L8	AEX 524TS 0319C	EUR	0,2500	0,6200	0,1300	362,4000	5	0,3400	990				
Certificate	DE000VA90SY4	AEX 524TS 0319V	EUR											
Certificate	DE000CP231E3	AEX 524TS OPENC	EUR	0,2100	0,6000	0,2000	42676,9200	26	0,3000	110194				
Certificate	DE000CJ3QG52	AEX 525TS 0319Z	EUR	0,5500	0,7310	0,4575	2753,7500	6	0,4575	4400				
Certificate	DE000CP231D5	AEX 525TS OPENC	EUR	0,4000	0,6700	0,3500	21574,0000	7	0,3500	41400				
Certificate	DE000CP231S3	AEX 525TS OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000VA90TE4	AEX 525TS OPENV	EUR	1,4200	1,4200	1,3300	710,0000	1	1,3300	500				
Certificate	DE000CP231K0	AEX 526TS 0319C	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VA9C5S0	AEX 526TS 0319V	EUR											
Certificate	DE000CP231C7	AEX 526TS OPENC	EUR	0,3900	0,8000	0,3200	79738,1000	40	0,4100	137854				
Certificate	DE000CJ3QG60	AEX 527TS 0319Z	EUR											
Certificate	DE000CP231B9	AEX 527TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP231R5	AEX 527TS OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000VA90TK1	AEX 527TS OPENV	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CP231J2	AEX 528TS 0319C	EUR	0,7600	0,9800	0,7200	2422,0000	2	0,7200	2800				
Certificate	DE000VA9C5U6	AEX 528TS 0319V	EUR	1,1200	1,1200	0,7900	224,0000	1	0,7900	200				
Certificate	DE000CP231A1	AEX 528TS OPENC	EUR	0,7800	0,7900	0,6100	2355,0000	2	0,6100	3000				
Certificate	DE000CP06QM7	AEX 529TL 0319C	EUR											
Certificate	LU1784827005	AEX 529TL OPENS	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CJ3QLF2	AEX 529TS 0319Z	EUR	0,9630	0,9800	0,9630	1748,7000	2	0,9800	1800				
Certificate	DE000CJ3QG78	AEX 529TS 0319Z	EUR											
Certificate	DE000CP23193	AEX 529TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP231Q7	AEX 529TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA90TP0	AEX 529TS OPENV	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013110398	AEX 5308ON0619Z	EUR	52,9900	53,0200	52,9900			53,0200					
Certificate	NL0013110406	AEX 5308ON0919Z	EUR	52,5400	52,5400	52,5400			52,5400					
Certificate	DE000C05BQS2	AEX 530TL 1218C	EUR											
Certificate	DE000CP231H6	AEX 530TS 0319C	EUR	1,1900	1,1900	0,9400	1428,0000	1	0,9400	1200				
Certificate	DE000VA9C5V4	AEX 530TS 0319V	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CP23185	AEX 530TS OPENC	EUR	0,7700	1,2000	0,7500	17275,2300	9	0,8100	20166				
Certificate	LU1860130696	AEX 531TPIOFENS	EUR	0,7000	1,0000	0,6900	25795,0000	16	0,7500	28750				
Certificate	DE000C13QG86	AEX 531TS 0319Z	EUR	1,0470	1,0470	1,0470			1,0470					
Certificate	DE000CP23177	AEX 531TS OPENC	EUR	1,0100	1,0100	0,9100	393,9000	1	0,9100	390				
Certificate	DE000CP231P9	AEX 531TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000VA90TU0	AEX 531TS OPENV	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	LU1876841377	AEX 532TPIOFENS	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	LU1860130779	AEX 532TPIOFENS	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CP231G8	AEX 532TS 0319C	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CP07E08	AEX 532TS 0319C	EUR											
Certificate	DE000VA9C5X0	AEX 532TS 0319V	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CP23169	AEX 532TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000C13QG94	AEX 533TS 0319Z	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CP07ED0	AEX 533TS OPENC	EUR											
Certificate	DE000CP23151	AEX 533TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CP231N4	AEX 533TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CP231F0	AEX 534TS 0319C	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA9C5Z5	AEX 534TS 0319V	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CP23144	AEX 534TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CP06T02	AEX 534TS OPENC	EUR											
Certificate	DE000CP06T85	AEX 535TS 0319C	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000C13QDK9	AEX 535TS 0319Z	EUR	1,4630	1,4630	1,4630			1,4630					
Certificate	DE000CP06S25	AEX 535TS OPENC	EUR											
Certificate	DE000CP06TF5	AEX 535TS OPENC	EUR											
Certificate	DE000CP231M6	AEX 535TS OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CQ5ANH4	AEX 536TL OPENC	EUR											
Certificate	DE000VA71Q58	AEX 536TS 0319V	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000VA71QP6	AEX 536TS 1218V	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CP06SY8	AEX 536TS OPENC	EUR	1,0600	1,3800	1,0600	7142,7000	19	1,1000	5680				
Certificate	DE000CQ5SANJ0	AEX 537TL OPENC	EUR											
Certificate	DE000CQ5ANC5	AEX 537TL OPENC	EUR											
Certificate	DE000VA8FSK5	AEX 537TS 0319V	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000C13QCK1	AEX 537TS 0319Z	EUR	1,6680	1,6680	1,6680			1,6680					
Certificate	DE000CP06SX0	AEX 537TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000VA71RE8	AEX 537TS OPENV	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CP06T77	AEX 538TS 0319C	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000VA71Q66	AEX 538TS 0319V	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000VA71QQ4	AEX 538TS 1218V	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000C13PD98	AEX 538TS 1218Z	EUR	1,6970	1,6970	1,6970			1,6970					
Certificate	DE000CP06SW2	AEX 538TS OPENC	EUR	1,2600	1,5000	1,2600	707,5200	4	1,3000	504				
Certificate	DE000CP06TE8	AEX 538TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013079940	AEX 538TS OPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	LU1784827187	AEX 539TL OPENS	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000VA71OY8	AEX 539TS 0319V	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000C13QBX6	AEX 539TS 0319Z	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	NL0013079932	AEX 539TS OPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000VA71RF5	AEX 539TS OPENV	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0013110349	AEX 5408OC0919Z	EUR	51,9600	51,9600	51,9500			51,9500					
Certificate	NL0012648612	AEX 5408ON0619Z	EUR	53,9300	53,9600	53,9300			53,9600					
Certificate	NL0012648604	AEX 5408ON1218Z	EUR	53,9200	53,9300	53,9200			53,9300					
Certificate	NL0012648638	AEX 5408ON1219Z	EUR	53,8900	53,8900	53,8900			53,8900					
Certificate	NL0013110414	AEX 5408ON1219Z	EUR	52,7000	52,7300	52,7000			52,7300					
Certificate	DE000CP06T69	AEX 540TS 0319C	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000VA71Q74	AEX 540TS 0319V	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000VA71QR2	AEX 540TS 1218V	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CP06TD0	AEX 540TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP06SU6	AEX 540TS OPENC	EUR	1,6800	1,6800	1,5000	1053,6000	2	1,5000	651				
Certificate	NL0013079015	AEX 540TS OPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	LU1732547689	AEX 540TS OPENS	EUR											
Certificate	DE000C13P277	AEX 541TS 0319Z	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CP06ST8	AEX 541TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013079007	AEX 541TS OPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000VA71RG3	AEX 541TS OPENV	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CP06T51	AEX 542TS 0319C	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000VA71Q82	AEX 542TS 0319V	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000VA71Q50	AEX 542TS 1218V	EUR	2,1200	2,1200	2,1200			2,1200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N7H3	AEX 542TS 1218Z	EUR	2,0880	2,0880	2,0880			2,0880					
Certificate	DE000CP06TC2	AEX 542TS OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CP06SS0	AEX 542TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013078991	AEX 542TS OPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	LU1840959479	AEX 543TPIOENS	EUR	1,7000	2,0400	1,7000	46350,0000	6	1,7100	25000				
Certificate	DE000CJ3P2U5	AEX 543TS 0319Z	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CP06SR2	AEX 543TS OPENC	EUR	1,7700	2,2000	1,7100	28263,2900	74	1,8000	15006				
Certificate	NL0013078983	AEX 543TS OPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000VA71RH1	AEX 543TS OPENV	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000VA3TKW9	AEX 544TL OPENV	EUR											
Certificate	DE000VA71Q90	AEX 544TS 0319V	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000VA71QT8	AEX 544TS 1218V	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CJ3PD07	AEX 544TS 1218Z	EUR	2,2810	2,2810	2,2810			2,2810					
Certificate	DE000CP06SQ4	AEX 544TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0013078975	AEX 544TS OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012795421	AEX 545DIS0619Z	EUR	50,6600	50,6600	50,6600			50,6600					
Certificate	DE000CQ58MH4	AEX 545TL OPENC	EUR											
Certificate	DE000CP06SP6	AEX 545TS 0319C	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000VA71Y58	AEX 545TS 0319V	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CJ3P2V3	AEX 545TS 0319Z	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CP06SN1	AEX 545TS OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CP06TB4	AEX 545TS OPENC	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013078967	AEX 545TS OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA77CW7	AEX 545TS OPENV	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CQ5AY69	AEX 546TL OPENC	EUR											
Certificate	DE000CY52DQ2	AEX 546TL OPENC	EUR											
Certificate	DE000CQ58MJ0	AEX 546TL OPENC	EUR											
Certificate	DE000VA1SVV4	AEX 546TL OPENV	EUR											
Certificate	DE000CP06SM3	AEX 546TS 0319C	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000VA77D40	AEX 546TS 1218V	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CJ3N286	AEX 546TS 1218Z	EUR	2,4820	2,4820	2,4820			2,4820					
Certificate	DE000CP06S94	AEX 546TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP06SJ9	AEX 546TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013078959	AEX 546TS OPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CQ5AY77	AEX 547TL OPENC	EUR											
Certificate	DE000CY52DR0	AEX 547TL OPENC	EUR											
Certificate	DE000CQ58MK8	AEX 547TL OPENC	EUR											
Certificate	DE000VA77EB7	AEX 547TS 0319V	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CJ3P2W1	AEX 547TS 0319Z	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000CY528L6	AEX 547TS OPENC	EUR											
Certificate	DE000CP06SH3	AEX 547TS OPENC	EUR	2,1600	2,3500	2,1500	902,0000	2	2,1900	400				
Certificate	DE000CP06S86	AEX 547TS OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000VA77CX5	AEX 547TS OPENV	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA4RMV9	AEX 548TL 1218V	EUR											
Certificate	DE000CQ58ML6	AEX 548TL OPENC	EUR											
Certificate	DE000CY52DS8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AVV8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AY85	AEX 548TL OPENC	EUR											
Certificate	DE000CP06SL5	AEX 548TS 0319C	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000VA77CR7	AEX 548TS 0319V	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VA77B26	AEX 548TS 1218V	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CJ3N294	AEX 548TS 1218Z	EUR	2,6760	2,6760	2,6760			2,6760					
Certificate	DE000CP06S78	AEX 548TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CP06SG5	AEX 548TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CY528K8	AEX 548TS OPENC	EUR											
Certificate	DE000CQ58MM4	AEX 549TL OPENC	EUR											
Certificate	DE000CY52DT6	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AY93	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AVV6	AEX 549TL OPENC	EUR											
Certificate	DE000CJ3P6N1	AEX 549TS 0319Z	EUR	2,8990	2,8990	2,8990			2,8990					
Certificate	DE000CP068Q3	AEX 549TS 1218C	EUR											
Certificate	DE000CP068X9	AEX 549TS OPENC	EUR											
Certificate	DE000CP06S60	AEX 549TS OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CY528J0	AEX 549TS OPENC	EUR											
Certificate	DE000CP06SF7	AEX 549TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP068C3	AEX 549TS OPENC	EUR											
Certificate	DE000VA77CY3	AEX 549TS OPENV	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012795868	AEX 5508ON0619Z	EUR	52,2800	52,3000	52,2800			52,3000					
Certificate	NL0012795447	AEX 550DIS1219Z	EUR	49,8400	49,8500	49,8400			49,8500					
Certificate	DE000CQ5AYE8	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYP4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AVX4	AEX 550TL OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58CW4	AEX 550TL OPENC	EUR											
Certificate	DE000CP06SK7	AEX 550TS 0319C	EUR	3,1200	3,1200	2,9900	93,6000	1	2,9900	30				
Certificate	DE000VA77CT3	AEX 550TS 0319V	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CP068P5	AEX 550TS 1218C	EUR											
Certificate	DE000VA77B42	AEX 550TS 1218V	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CJ3N104	AEX 550TS 1218Z	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000CY527G8	AEX 550TS OPENC	EUR											
Certificate	DE000CP06S52	AEX 550TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CP068W1	AEX 550TS OPENC	EUR											
Certificate	DE000CQ58KA3	AEX 550TS OPENC	EUR											
Certificate	DE000CP066Y1	AEX 550TS OPENC	EUR											
Certificate	DE000CP06SE0	AEX 550TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CQ58CS2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CX2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ5AYF5	AEX 551TL OPENC	EUR											
Certificate	DE000CP068V3	AEX 551TS OPENC	EUR											
Certificate	DE000CP06S45	AEX 551TS OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP06SD2	AEX 551TS OPENC	EUR	2,6500	2,6500	2,5800	530,0000	1	2,5800	200				
Certificate	DE000VA77CZ0	AEX 551TS OPENV	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CQ58CY0	AEX 552TL OPENC	EUR											
Certificate	DE000CQ58CT0	AEX 552TL OPENC	EUR											
Certificate	DE000CP06S11	AEX 552TS 0319C	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA77CV9	AEX 552TS 0319V	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA77B59	AEX 552TS 1218V	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CJ3N112	AEX 552TS 1218Z	EUR	3,0710	3,0710	3,0710			3,0710					
Certificate	DE000CP06SC4	AEX 552TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CP06S37	AEX 552TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CQ58CU8	AEX 553TL OPENC	EUR											
Certificate	DE000CQ58D48	AEX 553TL OPENC	EUR											
Certificate	DE000CP06S03	AEX 553TS 0319C	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CJ3P2X9	AEX 553TS 0319Z	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CP06S86	AEX 553TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CP06S29	AEX 553TS OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000VA77PXM2	AEX 553TS OPENV	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CQ58CV6	AEX 554TL OPENC	EUR											
Certificate	DE000CP06RZ7	AEX 554TS 0319C	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VA77PXE9	AEX 554TS 0319V	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000VA77B75	AEX 554TS 1218V	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CJ3NZ27	AEX 554TS 1218Z	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CP06SA8	AEX 554TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CY528B7	AEX 554TS OPENC	EUR											
Certificate	LU1732547416	AEX 554TS OPENS	EUR											
Certificate	DE000CQ58D14	AEX 555TL OPENC	EUR											
Certificate	DE000CQ58G37	AEX 555TL OPENC	EUR											
Certificate	DE000VA77PXG4	AEX 555TS 0319V	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP068J8	AEX 555TS 1218C	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CP066G8	AEX 555TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CP068R1	AEX 555TS OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CQ58G45	AEX 556TL OPENC	EUR											
Certificate	DE000CQ58G78	AEX 556TL OPENC	EUR											
Certificate	DE000VA77PXJ8	AEX 556TS 0319V	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CP06701	AEX 556TS 1218C	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000VA6D8D8	AEX 556TS 1218V	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CJ3NZ03	AEX 556TS 1218Z	EUR	3,4740	3,4740	3,4740			3,4740					
Certificate	DE000CP06727	AEX 556TS OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CP066F0	AEX 556TS OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000VA6D765	AEX 556TS OPENV	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CQ58G86	AEX 557TL OPENC	EUR											
Certificate	DE000CJ3P6P6	AEX 557TS 0319Z	EUR	3,7190	3,7190	3,7190			3,7190					
Certificate	DE000CP066Z8	AEX 557TS 1218C	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CP066E3	AEX 557TS OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CP06719	AEX 557TS OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000VA6D773	AEX 557TS OPENV	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VA77PXL4	AEX 558TS 0319V	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CP066N4	AEX 558TS 1218C	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000VA6D8E6	AEX 558TS 1218V	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CV8BAD5	AEX 558TS 1218Z	EUR	3,6730	3,6730	3,6730			3,6730					
Certificate	DE000CP066V7	AEX 558TS OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CP066D5	AEX 558TS OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000VA6D781	AEX 558TS OPENV	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CP066C7	AEX 559TS OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CQ58GX3	AEX 559TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP066U9	AEX 559TS OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000VA6D5E2	AEX 559TS OPENV	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CP066M6	AEX 560TS 1218C	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000VA6D8F3	AEX 560TS 1218V	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CJ3NYG0	AEX 560TS 1218Z	EUR	3,8730	3,8730	3,8730			3,8730					
Certificate	DE000CP066T1	AEX 560TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CQ58GW5	AEX 560TS OPENC	EUR											
Certificate	DE000CP066B9	AEX 560TS OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000VA6D5F9	AEX 560TS OPENV	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA7PVT1	AEX 561TS 0319V	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000CJ3P2Y7	AEX 561TS 0319Z	EUR	4,1260	4,1260	4,1260			4,1260					
Certificate	DE000CP066A1	AEX 561TS OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CP066S3	AEX 561TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VA6D5G7	AEX 561TS OPENV	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000VA7PVU9	AEX 562TS 0319V	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000CP066L8	AEX 562TS 1218C	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VA6D5W4	AEX 562TS 1218V	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CJ3NYH8	AEX 562TS 1218Z	EUR	4,0730	4,0730	4,0730			4,0730					
Certificate	DE000CP066R5	AEX 562TS OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CP06693	AEX 562TS OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000VA6D5H5	AEX 562TS OPENV	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000VA7PRH4	AEX 563TS 0319V	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CP06487	AEX 563TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CP066Q7	AEX 563TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VA6D5J1	AEX 563TS OPENV	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000VA7PRK8	AEX 564TS 0319V	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CP066K0	AEX 564TS 1218C	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000VA6D5X2	AEX 564TS 1218V	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CJ3NVY9	AEX 564TS 1218Z	EUR	4,2730	4,2730	4,2730			4,2730					
Certificate	DE000CP066P9	AEX 564TS OPENC	EUR	3,7000	3,7700	3,7000	370,0000	1	3,7700	100				
Certificate	DE000CP06479	AEX 564TS OPENC	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000VA6D5K9	AEX 564TS OPENV	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0013148711	AEX 565BOC1219B	EUR	5,2100	5,2100	5,1900			5,1900					
Certificate	DE000CP06R79	AEX 565TS 0319C	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CJ3P6Q4	AEX 565TS 0319Z	EUR	4,5320	4,5320	4,5320			4,5320					
Certificate	DE000CY52UM5	AEX 565TS OPENC	EUR											
Certificate	DE000CP06461	AEX 565TS OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VA7PRM4	AEX 566TS 0319V	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CQ58ST6	AEX 566TS 1218C	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000VASRF21	AEX 566TS 1218V	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CV8B8N3	AEX 566TS 1218Z	EUR	4,4720	4,4720	4,4720			4,4720					
Certificate	DE000CY52SR8	AEX 566TS OPENC	EUR											
Certificate	DE000CP06453	AEX 566TS OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CP06R87	AEX 567TS 0319C	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000VASRF00	AEX 567TS 1218V	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012792329	AEX 567TS OPENB	EUR	5,5870	5,5870	5,5870			5,5870					
Certificate	DE000CQ58SP4	AEX 567TS OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CP06446	AEX 567TS OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CY52SQ0	AEX 567TS OPENC	EUR											
Certificate	DE000VASRGB0	AEX 567TS OPENV	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000VA7PRO5	AEX 568TS 0319V	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CQ58SS8	AEX 568TS 1218C	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000VASRF18	AEX 568TS 1218V	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CV8B8P8	AEX 568TS 1218Z	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CP06438	AEX 568TS OPENC	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CQ58SN9	AEX 568TS OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000VASRGC8	AEX 568TS OPENV	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000CP06R95	AEX 569TS 0319C	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CJ3P6R2	AEX 569TS 0319Z	EUR	4,9370	4,9370	4,9370			4,9370					
Certificate	DE000VASRF26	AEX 569TS 1218V	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CP06420	AEX 569TS OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CQ58SM1	AEX 569TS OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000VASRDS1	AEX 569TS OPENV	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012795157	AEX 570BOC0319Z	EUR	56,1700	56,1700	56,1700			56,1700					
Certificate	NL0012795876	AEX 570BON0919Z	EUR	52,2400	52,2500	52,2400			52,2500					
Certificate	DE000CP06RA0	AEX 570TS 0319C	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000VA7PRR3	AEX 570TS 0319V	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CQ58SR0	AEX 570TS 1218C	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000VASRF34	AEX 570TS 1218V	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CV8AXC1	AEX 570TS 1218Z	EUR	4,8710	4,8710	4,8710			4,8710					
Certificate	DE000CQ58C07	AEX 570TS OPENC	EUR											
Certificate	DE000CP06412	AEX 570TS OPENC	EUR	4,8000	4,8000	4,8000			4,8000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58BH7	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58CA0	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58SL3	AEX 570TS OPENC	EUR	4,2400	4,2400	4,2400				4,2400				
Certificate	DE000VAVASRD79	AEX 570TS OPENV	EUR	5,2600	5,2600	5,2600				5,2600				
Certificate	DE000CP06RB8	AEX 571TS 0319C	EUR	5,1400	5,1400	5,1400				5,1400				
Certificate	DE000VAVSRF42	AEX 571TS 1218V	EUR	4,9400	4,9400	4,9400				4,9400				
Certificate	DE000CQ58S66	AEX 571TS OPENC	EUR	4,3300	4,3300	4,3300				4,3300				
Certificate	DE000CP06404	AEX 571TS OPENC	EUR	4,9000	4,9000	4,9000				4,9000				
Certificate	DE000VAVSRDU7	AEX 571TS OPENV	EUR	5,3600	5,3600	5,3600				5,3600				
Certificate	DE000VAV7PRS1	AEX 572TS 0319V	EUR	5,2500	5,2500	5,2500				5,2500				
Certificate	DE000CQ58S82	AEX 572TS 1218C	EUR	5,0500	5,0500	5,0500				5,0500				
Certificate	DE000VAVSRC45	AEX 572TS 1218V	EUR	5,0400	5,0400	5,0400				5,0400				
Certificate	DE000CV8AW68	AEX 572TS 1218Z	EUR	5,0700	5,0700	5,0700				5,0700				
Certificate	NL0012982995	AEX 572TS OPENV	EUR	6,0980	6,0980	6,0980				6,0980				
Certificate	DE000CP06325	AEX 572TS OPENC	EUR	5,0000	5,0000	5,0000				5,0000				
Certificate	DE000CQ58S58	AEX 572TS OPENC	EUR	4,4300	4,4300	4,4300				4,4300				
Certificate	DE000VAVSRDV5	AEX 572TS OPENV	EUR	5,4700	5,4700	5,4700				5,4700				
Certificate	DE000CP06RC6	AEX 573TS 0319C	EUR	5,3400	5,3400	5,3400				5,3400				
Certificate	DE000VAVSRC60	AEX 573TS 1218V	EUR	5,1400	5,1400	5,1400				5,1400				
Certificate	DE000CP063Y8	AEX 573TS OPENC	EUR	5,1000	5,1000	5,1000				5,1000				
Certificate	DE000VAVSRDW3	AEX 573TS OPENV	EUR	5,5700	5,5700	5,5700				5,5700				
Certificate	DE000VAV7PRT9	AEX 574TS 0319V	EUR	5,4500	5,4500	5,4500				5,4500				
Certificate	DE000VAVSRC52	AEX 574TS 1218V	EUR	5,2400	5,2400	5,2400				5,2400				
Certificate	DE000CV8B621	AEX 574TS 1218Z	EUR	5,2710	5,2710	5,2710				5,2710				
Certificate	DE000CP063X0	AEX 574TS OPENC	EUR	5,2000	5,2000	5,2000				5,2000				
Certificate	DE000VAVSRDX1	AEX 574TS OPENV	EUR	5,6700	5,6700	5,6700				5,6700				
Certificate	NL0012795439	AEX 575DIS0619Z	EUR	51,1700	51,1700	51,1700				51,1700				
Certificate	DE000CP06RD4	AEX 575TS 0319C	EUR	5,5400	5,5400	5,5400				5,5400				
Certificate	DE000CQ58S74	AEX 575TS 1218C	EUR	5,3500	5,3500	5,3500				5,3500				
Certificate	DE000VAVSRC78	AEX 575TS 1218V	EUR	5,3400	5,3400	5,3400				5,3400				
Certificate	DE000VAV7PRU7	AEX 576TS 0319V	EUR	5,6400	5,6400	5,6400				5,6400				
Certificate	DE000VAVSRC86	AEX 576TS 1218V	EUR	5,4400	5,4400	5,4400				5,4400				
Certificate	DE000CV8B6E6	AEX 576TS 1218Z	EUR	5,4710	5,4710	5,4710				5,4710				
Certificate	DE000VAV6D3M0	AEX 576TS OPENV	EUR	6,0100	6,0100	6,0100				6,0100				
Certificate	DE000CP06RE2	AEX 577TS 0319C	EUR	5,7400	5,7400	5,7400				5,7400				
Certificate	DE000CJ3P2Z4	AEX 577TS 0319Z	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	DE000VAV3ZXA5	AEX 577TS 1218V	EUR	5,5400	5,5400	5,5400				5,5400				
Certificate	DE000VAV7PRV5	AEX 578TS 0319V	EUR	5,8500	5,8500	5,8500				5,8500				
Certificate	DE000VAV3ZS49	AEX 578TS 1218V	EUR	5,6400	5,6400	5,6400				5,6400				
Certificate	DE000CV8AU94	AEX 578TS 1218Z	EUR	5,6710	5,6710	5,6710				5,6710				
Certificate	DE000CP06RF9	AEX 579TS 0319C	EUR	5,9400	5,9400	5,9400				5,9400				
Certificate	DE000VAV3ZX83	AEX 579TS 1218V	EUR	5,7400	5,7400	5,7400				5,7400				
Certificate	NL0012795173	AEX 580OC0619Z	EUR	55,8800	55,8900	55,8800				55,8900				
Certificate	NL0012648646	AEX 580BON1219Z	EUR	54,9000	54,9300	54,9000				54,9300				
Certificate	DE000CP06RG7	AEX 580TS 0319C	EUR	6,0500	6,0500	6,0500				6,0500				
Certificate	DE000VAV7PRW3	AEX 580TS 0319V	EUR	6,0500	6,0500	6,0500				6,0500				
Certificate	DE000CQ58QV6	AEX 580TS 1218C	EUR	5,8500	5,8500	5,8500				5,8500				
Certificate	DE000VAV3ZS64	AEX 580TS 1218V	EUR	5,8400	5,8400	5,8400				5,8400				
Certificate	DE000CV8AU1	AEX 580TS 1218Z	EUR	5,8690	5,8690	5,8690				5,8690				
Certificate	DE000CP06RH5	AEX 581TS 0319C	EUR	6,1500	6,1500	6,1500				6,1500				
Certificate	DE000VAV3ZXC1	AEX 581TS 1218V	EUR	5,9400	5,9400	5,9400				5,9400				
Certificate	DE000VAV7PRX1	AEX 582TS 0319V	EUR	6,2500	6,2500	6,2500				6,2500				
Certificate	DE000VAV3ZS80	AEX 582TS 1218V	EUR	6,0400	6,0400	6,0400				6,0400				
Certificate	DE000CV8AUB9	AEX 582TS 1218Z	EUR	6,0700	6,0700	6,0700				6,0700				
Certificate	DE000CQ58H36	AEX 582TS OPENC	EUR	5,3300	5,3300	5,3300				5,3300				
Certificate	DE000CP06RJ1	AEX 583TS 0319C	EUR	6,3500	6,3500	6,3500				6,3500				
Certificate	DE000VAV3ZXD9	AEX 583TS 1218V	EUR	6,1400	6,1400	6,1400				6,1400				
Certificate	DE000VAV7PRY9	AEX 584TS 0319V	EUR	6,4500	6,4500	6,4500				6,4500				
Certificate	DE000VAV3ZTA3	AEX 584TS 1218V	EUR	6,2400	6,2400	6,2400				6,2400				
Certificate	DE000CV8ARZ4	AEX 584TS 1218Z	EUR	6,2710	6,2710	6,2710				6,2710				
Certificate	NL0012494470	AEX 585BON1218B	EUR	5,8100	5,8100	5,8100				5,8100				
Certificate	DE000CP06RK9	AEX 585TS 0319C	EUR	6,5500	6,5500	6,5500				6,5500				
Certificate	DE000CJ3P6S0	AEX 585TS 0319Z	EUR	6,5570	6,5570	6,5570				6,5570				
Certificate	DE000CQ58QW4	AEX 585TS 1218C	EUR	6,3500	6,3500	6,3500				6,3500				
Certificate	DE000VAV3ZXE7	AEX 585TS 1218V	EUR	6,3400	6,3400	6,3400				6,3400				
Certificate	DE000VAV15LH1	AEX 585TS OPENV	EUR	5,9900	5,9900	5,9900				5,9900				
Certificate	DE000VAV7PRZ6	AEX 586TS 0319V	EUR	6,6600	6,6600	6,6600				6,6600				
Certificate	DE000VAV3ZXF4	AEX 586TS 1218V	EUR	6,4400	6,4400	6,4400				6,4400				
Certificate	DE000CV8AS07	AEX 586TS 1218Z	EUR	6,4700	6,4700	6,4700				6,4700				
Certificate	DE000CQ58H28	AEX 586TS OPENC	EUR	5,7300	5,7300	5,7300				5,7300				
Certificate	DE000CP06RL7	AEX 587TS 0319C	EUR	6,7500	6,7500	6,7500				6,7500				
Certificate	DE000VAV3ZXG2	AEX 587TS 1218V	EUR	6,5400	6,5400	6,5400				6,5400				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PR06	AEX 588TS 0319V	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA3ZXH0	AEX 588TS 1218V	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CV8AQG6	AEX 588TS 1218Z	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CP06RM5	AEX 589TS 0319C	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VA3ZXJ6	AEX 589TS 1218V	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012795199	AEX 590BOC0919Z	EUR	55,6400	55,6700	55,6400			55,6700					
Certificate	DE000CP06RN3	AEX 590TS 0319C	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000VA7PR14	AEX 590TS 0319V	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000CQ58QX2	AEX 590TS 1218C	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000VA3ZXK4	AEX 590TS 1218V	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CV8AQH4	AEX 590TS 1218Z	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CQ58H10	AEX 590TS OPENC	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	LU1784827690	AEX 590TS OPENS	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CP06RP8	AEX 591TS 0319C	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000VA3ZXL2	AEX 591TS 1218V	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000VA7PR30	AEX 592TS 0319V	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000VA3ZXM0	AEX 592TS 1218V	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CV8AQJ0	AEX 592TS 1218Z	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CQ58H02	AEX 592TS OPENC	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CP06RQ6	AEX 593TS 0319C	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CJ3P6T8	AEX 593TS 0319Z	EUR	7,3630	7,3630	7,3630			7,3630					
Certificate	DE000VA3ZXN8	AEX 593TS 1218V	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000VA7PR48	AEX 594TS 0319V	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000VA3ZXP3	AEX 594TS 1218V	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CV8AL12	AEX 594TS 1218Z	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA4Y2L1	AEX 594TS OPENV	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000CP06RR4	AEX 595TS 0319C	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CQ58QY0	AEX 595TS 1218C	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000VA3ZXQ1	AEX 595TS 1218V	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	LU1784827427	AEX 595TS OPENS	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000VA7PR71	AEX 596TS 0319V	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	DE000VA3ZXR9	AEX 596TS 1218V	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	DE000CV8AQK8	AEX 596TS 1218Z	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CQ58GZ8	AEX 596TS OPENC	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VA1ZEL6	AEX 596TS OPENV	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CP06RS2	AEX 597TS 0319C	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VA3ZXS7	AEX 597TS 1218V	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000VA1ZEM4	AEX 597TS OPENV	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000VLSR624	AEX 597TS OPENV	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000VA15LJ7	AEX 597TS OPENV	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000VA7PSA7	AEX 598TS 0319V	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000VA3ZXT5	AEX 598TS 1218V	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000CV8AA49	AEX 598TS 1218Z	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CQ58GY1	AEX 598TS OPENC	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VA1ZEN2	AEX 598TS OPENV	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000VLSR632	AEX 598TS OPENV	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000VA15LL3	AEX 598TS OPENV	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000CP06RT0	AEX 599TS 0319C	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000VA3ZXU3	AEX 599TS 1218V	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000VA15LN9	AEX 599TS OPENV	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000VLSR640	AEX 599TS OPENV	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0012795165	AEX 600BOC0319Z	EUR	56,8000	56,8000	56,7900			56,7900					
Certificate	NL0012795215	AEX 600BOC1219Z	EUR	55,4600	55,5300	55,4600			55,5300					
Certificate	NL0012648620	AEX 600BON0619Z	EUR	56,8500	56,8500	56,8300			56,8300					
Certificate	NL0012795454	AEX 600DIS1219Z	EUR	50,6000	50,6100	50,6000			50,6100					
Certificate	DE000CP06RU8	AEX 600TS 0319C	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VA7PSC3	AEX 600TS 0319V	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CQ58QZ7	AEX 600TS 1218C	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000VA3ZXW9	AEX 600TS 1218V	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CV52T04	AEX 600TS OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000VL61HZ2	AEX 600TS OPENV	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000VA15LR0	AEX 600TS OPENV	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CJ3P6U6	AEX 601TS 0319Z	EUR	8,1660	8,1660	8,1660			8,1660					
Certificate	DE000VA3ZXY5	AEX 601TS 1218V	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0012927214	AEX 601TS OPENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000VA15PW1	AEX 601TS OPENV	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000VL61H09	AEX 601TS OPENV	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VA15NE4	AEX 601TS OPENV	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000VA3ZX42	AEX 602TS 1218V	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CV8AA56	AEX 602TS 1218Z	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CY51J09	AEX 602TS OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000VASRBV9	AEX 602TS OPENV	EUR	8,4900	8,4900	8,4900			8,4900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL61H17	AEX 602TS OPENV	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VA15PB5	AEX 602TS OPENV	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000VA3ZX67	AEX 603TS 1218V	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000VL61H25	AEX 603TS OPENV	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000VA15PX9	AEX 603TS OPENV	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000VA3ZX75	AEX 604TS 1218V	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000VL61H33	AEX 604TS OPENV	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VA4YQG7	AEX 604TS OPENV	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000VA15PY7	AEX 604TS OPENV	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CP06RV6	AEX 605TS 0319C	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	DE000VA3ZX83	AEX 605TS 1218V	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000CY51JE7	AEX 605TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CY52S21	AEX 605TS OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0011047618	AEX 605TS OPENH	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	LU1784827344	AEX 605TS OPENS	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000VL61H41	AEX 605TS OPENV	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000VA15QL2	AEX 605TS OPENV	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VA15Q73	AEX 605TS OPENV	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VA3EA51	AEX 605TS OPENV	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA3ZYA3	AEX 606TS 1218V	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CV8AA64	AEX 606TS 1218Z	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	DE000VL61H58	AEX 606TS OPENV	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VA3EA77	AEX 606TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA3EA69	AEX 606TS OPENV	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000VA15Q99	AEX 606TS OPENV	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA4YQH5	AEX 606TS OPENV	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000VA3ZYC9	AEX 607TS 1218V	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000VA4YQ33	AEX 607TS OPENV	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000VA15RA3	AEX 607TS OPENV	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000VL61H66	AEX 607TS OPENV	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000VA3ZYE5	AEX 608TS 1218V	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000VL61H74	AEX 608TS OPENV	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VA4YQ41	AEX 608TS OPENV	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	DE000CJ3P6V4	AEX 609TS 0319Z	EUR	8,9680	8,9680	8,9680			8,9680					
Certificate	DE000VA3ZYG0	AEX 609TS 1218V	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000VA4YSR0	AEX 609TS OPENV	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	NL0012795181	AEX 610BOC0619Z	EUR	55,2000	55,2000	55,2000			55,2000					
Certificate	DE000CP06RW4	AEX 610TS 0319C	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CQ5BR00	AEX 610TS 1218C	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000VA3ZYJ4	AEX 610TS 1218V	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000CV8AA72	AEX 610TS 1218Z	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000CY51JF4	AEX 610TS OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CY16ES1	AEX 610TS OPENC	EUR											
Certificate	DE000CY52SY4	AEX 610TS OPENC	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000VASRBX5	AEX 610TS OPENV	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000VA4YSS8	AEX 610TS OPENV	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000VA4YW76	AEX 610TS OPENV	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000VA3Z1R0	AEX 611TS 1218V	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000VA4YTG1	AEX 611TS OPENV	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000VA4Y2M9	AEX 611TS OPENV	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000VA3Z203	AEX 612TS 1218V	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000VA4Y7J5	AEX 612TS OPENV	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000VA5ELL7	AEX 612TS OPENV	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	DE000VA3Z229	AEX 613TS 1218V	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000VA4Y113	AEX 613TS OPENV	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000VA3Z245	AEX 614TS 1218V	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CV8AA80	AEX 614TS 1218Z	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CP06RX2	AEX 615TS 0319C	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000VA3Z252	AEX 615TS 1218V	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CY51JG2	AEX 615TS OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000VA3Z3E4	AEX 616TS 1218V	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000VA3Z3F1	AEX 617TS 1218V	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	LU1732548653	AEX 617TS OPENS	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000VA3Z4Z7	AEX 618TS 1218V	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CV8AE60	AEX 618TS 1218Z	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	DE000VA3Z419	AEX 619TS 1218V	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	NL0012795207	AEX 620BOC0919Z	EUR	54,2800	54,2800	54,2700			54,2700					
Certificate	DE000CP06RY0	AEX 620TS 0319C	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CQ5BR18	AEX 620TS 1218C	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000VA3Z4Z7	AEX 620TS 1218V	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	DE000CY51JH0	AEX 620TS OPENC	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000VA3Z500	AEX 621TS 1218V	EUR	9,9400	9,9400	9,9400			9,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA4RMY3	AEX 622TS 1218V	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000CV8AA98	AEX 622TS 1218Z	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CY51RL5	AEX 622TS OPENC	EUR	7,1500	7,1500	7,1500								
Certificate	DE000VA4RMZ0	AEX 623TS 1218V	EUR	10,1400	10,1400	10,1400								
Certificate	DE000CY51RM3	AEX 623TS OPENC	EUR	7,2500	7,2500	7,2500								
Certificate	DE000VA4RNC7	AEX 624TS 1218V	EUR	10,2400	10,2400	10,2400								
Certificate	DE000CY51RN1	AEX 624TS OPENC	EUR	7,3500	7,3500	7,3500								
Certificate	DE000CJ3P6W2	AEX 625TS 0319Z	EUR	10,5720	10,5720	10,5720								
Certificate	DE000VA4RPW0	AEX 625TS 1218V	EUR	10,3400	10,3400	10,3400								
Certificate	DE000CY51RP6	AEX 625TS OPENC	EUR	7,4500	7,4500	7,4500								
Certificate	DE000CY50TM1	AEX 625TS OPENC	EUR	6,9800	6,9800	6,9800								
Certificate	DE000CY51J06	AEX 625TS OPENC	EUR	6,9200	6,9200	6,9200								
Certificate	DE000CY16RK0	AEX 625TS OPENC	EUR	5,3100	5,3100	5,3100								
Certificate	DE000CY51S55	AEX 625TS OPENC	EUR	7,0100	7,0100	7,0100								
Certificate	DE000VA4RPX8	AEX 626TS 1218V	EUR	10,4400	10,4400	10,4400								
Certificate	DE000CY51RQ4	AEX 626TS OPENC	EUR	7,5500	7,5500	7,5500								
Certificate	DE000VA4RPY6	AEX 627TS 1218V	EUR	10,5400	10,5400	10,5400								
Certificate	DE000CY51RR2	AEX 627TS OPENC	EUR	7,6400	7,6400	7,6400								
Certificate	DE000VA4YQB8	AEX 628TS 1218V	EUR	10,6400	10,6400	10,6400								
Certificate	DE000CY51RS0	AEX 628TS OPENC	EUR	7,7400	7,7400	7,7400								
Certificate	DE000VA4YQC6	AEX 629TS 1218V	EUR	10,7400	10,7400	10,7400								
Certificate	DE000CY51RT8	AEX 629TS OPENC	EUR	7,8400	7,8400	7,8400								
Certificate	NL0012795223	AEX 630OC1219Z	EUR	53,7500	53,8000	53,7500								
Certificate	DE000VA4YQD4	AEX 630TS 1218V	EUR	10,8400	10,8400	10,8400								
Certificate	DE000CV8AAA3	AEX 630TS 1218Z	EUR	10,8710	10,8710	10,8710								
Certificate	DE000CY51RU6	AEX 630TS OPENC	EUR	7,9400	7,9400	7,9400								
Certificate	DE000CY51SG3	AEX 630TS OPENC	EUR	7,5000	7,5000	7,5000								
Certificate	DE000VA4YQE2	AEX 631TS 1218V	EUR	10,9400	10,9400	10,9400								
Certificate	DE000CY51RV4	AEX 631TS OPENC	EUR	8,0400	8,0400	8,0400								
Certificate	DE000CY51SH1	AEX 631TS OPENC	EUR	7,6000	7,6000	7,6000								
Certificate	DE000VA4YQ17	AEX 632TS 1218V	EUR	11,0400	11,0400	11,0400								
Certificate	DE000CY51RW2	AEX 632TS OPENC	EUR	8,1300	8,1300	8,1300								
Certificate	DE000CY51S17	AEX 632TS OPENC	EUR	7,6900	7,6900	7,6900								
Certificate	DE000VA4YQ25	AEX 633TS 1218V	EUR	11,1400	11,1400	11,1400								
Certificate	DE000CY51SK5	AEX 633TS OPENC	EUR	7,7900	7,7900	7,7900								
Certificate	DE000CY51RX0	AEX 633TS OPENC	EUR	8,2300	8,2300	8,2300								
Certificate	DE000VA4YSM1	AEX 634TS 1218V	EUR	11,2400	11,2400	11,2400								
Certificate	DE000CY51SL3	AEX 634TS OPENC	EUR	7,8900	7,8900	7,8900								
Certificate	DE000CY51RY8	AEX 634TS OPENC	EUR	8,3300	8,3300	8,3300								
Certificate	DE000VA4YSN9	AEX 635TS 1218V	EUR	11,3400	11,3400	11,3400								
Certificate	DE000CY51RZ5	AEX 635TS OPENC	EUR	8,4300	8,4300	8,4300								
Certificate	DE000CY51SM1	AEX 635TS OPENC	EUR	7,9900	7,9900	7,9900								
Certificate	DE000VA4YTD8	AEX 636TS 1218V	EUR	11,4400	11,4400	11,4400								
Certificate	DE000CY51SN9	AEX 636TS OPENC	EUR	8,0900	8,0900	8,0900								
Certificate	DE000CY51S06	AEX 636TS OPENC	EUR	8,5300	8,5300	8,5300								
Certificate	DE000VA4YW68	AEX 637TS 1218V	EUR	11,5400	11,5400	11,5400								
Certificate	DE000CY51SP4	AEX 637TS OPENC	EUR	8,1800	8,1800	8,1800								
Certificate	DE000CY51S14	AEX 637TS OPENC	EUR	8,6200	8,6200	8,6200								
Certificate	DE000CV8AAB1	AEX 638TS 1218Z	EUR	11,6710	11,6710	11,6710								
Certificate	DE000CY51SQ2	AEX 638TS OPENC	EUR	8,2800	8,2800	8,2800								
Certificate	DE000CY51S22	AEX 638TS OPENC	EUR	8,7200	8,7200	8,7200								
Certificate	DE000CY51SRO	AEX 639TS OPENC	EUR	8,3800	8,3800	8,3800								
Certificate	DE000CY51S30	AEX 639TS OPENC	EUR	8,8200	8,8200	8,8200								
Certificate	DE000CY51S48	AEX 640TS OPENC	EUR	8,9200	8,9200	8,9200								
Certificate	DE000CY51S58	AEX 640TS OPENC	EUR	8,4800	8,4800	8,4800								
Certificate	DE000CJ3P6X0	AEX 641TS 0319Z	EUR	12,1750	12,1750	12,1750								
Certificate	DE000CY51S76	AEX 641TS OPENC	EUR	8,5800	8,5800	8,5800								
Certificate	DE000CY51S55	AEX 641TS OPENC	EUR	9,0200	9,0200	9,0200								
Certificate	DE000CY51S63	AEX 642TS OPENC	EUR	9,1100	9,1100	9,1100								
Certificate	DE000CY51SU4	AEX 642TS OPENC	EUR	8,6700	8,6700	8,6700								
Certificate	DE000CY51S71	AEX 643TS OPENC	EUR	9,2100	9,2100	9,2100								
Certificate	DE000CY51S22	AEX 643TS OPENC	EUR	8,7700	8,7700	8,7700								
Certificate	DE000CY51S89	AEX 644TS OPENC	EUR	9,3100	9,3100	9,3100								
Certificate	DE000CY51S97	AEX 645TS OPENC	EUR	9,4100	9,4100	9,4100								
Certificate	DE000CY51SW0	AEX 645TS OPENC	EUR	8,9700	8,9700	8,9700								
Certificate	DE000CV8AAC9	AEX 646TS 1218Z	EUR	12,4710	12,4710	12,4710								
Certificate	DE000CY51SA6	AEX 646TS OPENC	EUR	9,5100	9,5100	9,5100								
Certificate	DE000CY51SX8	AEX 646TS OPENC	EUR	9,0700	9,0700	9,0700								
Certificate	DE000CY51SB4	AEX 647TS OPENC	EUR	9,6000	9,6000	9,6000								
Certificate	DE000CV8AAD7	AEX 654TS 1218Z	EUR	13,2710	13,2710	13,2710								
Certificate	DE000CJ3P6Y8	AEX 657TS 0319Z	EUR	13,7770	13,7770	13,7770								
Certificate	DE000CV8AAE5	AEX 662TS 1218Z	EUR	14,0710	14,0710	14,0710								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012648653	AEX 6708ON1219Z	EUR	56,2300	56,2500	56,2300			56,2500					
Certificate	DE000CV8AAF2	AEX 6787S 1218Z	EUR	15,6710	15,6710	15,6710			15,6710					
Certificate	DE000CV8AAG0	AEX 6947S 1218Z	EUR	17,2720	17,2720	17,2720			17,2720					
Certificate	DE000CV8AAH8	AEX 7107S 1218Z	EUR	18,8720	18,8720	18,8720			18,8720					
Certificate	NL0012904569	AEX 7597S OPENH	EUR	24,5600	24,5600	24,5600			24,5600					
Certificate	NL0012236509	AEX 0.88PRO0619Z	EUR	97,2200	97,2300	97,2200			97,2300					
Certificate	NL0012236558	AEX 0.88PRO0619Z	EUR	93,4700	93,4800	93,4700			93,4800					
Certificate	NL0012236517	AEX 0.93PRO0619Z	EUR	97,5900	97,6000	97,5900			97,6000					
Certificate	NL0012236574	AEX 0.95PRO0619Z	EUR	96,7000	96,7100	96,7000			96,7100					
Certificate	NL0012236533	AEX 0.95PRO0619Z	EUR	98,1100	98,1200	98,1100			98,1200					
Certificate	NL0010246328	AEX 275.BL OPENB	EUR	24,8460	24,8460	24,8460			24,8460					
Certificate	DE000CN6K1P1	AEX 397.TL OPENZ	EUR	12,5840	12,5840	12,5840			12,5840					
Certificate	DE000CN6K7G7	AEX 403.TL OPENZ	EUR	11,9790	11,9790	11,9790			11,9790					
Certificate	NL0012114458	AEX 481.BL OPENB	EUR	4,2490	4,2490	4,2490			4,2490					
Certificate	NL0012114490	AEX 482.BL OPENB	EUR	4,1460	4,1460	4,1460			4,1460					
Certificate	NL0012115877	AEX 484.BL OPENB	EUR	3,7570	3,9520	3,7570	1144,0500	2	3,9520	300				
Certificate	NL0012117345	AEX 487.BL OPENB	EUR	3,7200	3,7200	3,3000	7357,0400	5	3,6450	2020				
Certificate	NL0012117360	AEX 488.BL OPENB	EUR	3,5430	3,5430	3,5430			3,5430					
Certificate	NL0013146699	AEX 506.BL OPENB	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0013146707	AEX 507.BL OPENB	EUR	1,6800	1,7000	1,2450	54239,2900	72	1,6500	37108				
Certificate	LU1859910751	AEX 507.TCIOPENS	EUR	1,6300	1,7100	1,6300	133,6600	1	1,7100	82				
Certificate	NL0013155088	AEX 524.BS OPENB	EUR	0,1580	0,5920	0,1580	36136,1000	16	0,2490	75500				
Certificate	DE000CJ3QR1	AEX 524.TS OPENZ	EUR											
Certificate	NL0013155104	AEX 525.BS OPENB	EUR	0,4010	0,6570	0,3390	40357,8500	17	0,3510	74050				
Certificate	NL0013155112	AEX 526.BS OPENB	EUR	0,4050	0,8360	0,4050	56560,4800	17	0,4500	108320				
Certificate	NL0013155120	AEX 527.BS OPENB	EUR	0,6000	0,9460	0,5500	205783,8300	17	0,5500	287160				
Certificate	NL0013155138	AEX 528.BS OPENB	EUR	0,6450	0,9910	0,6400	50650,1400	24	0,6600	62658				
Certificate	NL0013155146	AEX 529.BS OPENB	EUR	0,6970	1,1310	0,6970	316975,7800	24	0,7600	326283				
Certificate	NL0013155153	AEX 530.BS OPENB	EUR	0,9750	1,0250	0,8600	1080,7500	4	0,8600	1100				
Certificate	NL0013155161	AEX 531.BS OPENB	EUR	1,1250	1,2610	0,9600	3734,4000	4	0,9600	3200				
Certificate	NL0013155179	AEX 532.BS OPENB	EUR	1,0100	1,2710	1,0000	798,3500	2	1,0600	700				
Certificate	LU1840974270	AEX 540.TPIOPENS	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013078355	AEX 544.TRSOPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0013078330	AEX 545.TRSOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0013078314	AEX 546.TRSOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013078298	AEX 547.TRSOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013078272	AEX 548.TRSOPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0013078256	AEX 549.TRSOPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012995286	AEX 550.BS OPENB	EUR	2,8670	2,8670	2,8670			2,8670					
Certificate	NL0012995294	AEX 551.BS OPENB	EUR	3,1120	3,3280	2,9660	644,0000	2	2,9660	200				
Certificate	NL0012994610	AEX 553.BS OPENB	EUR	3,1590	3,1590	3,1590			3,1590					
Certificate	NL0012906283	AEX 554.TRSOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012994636	AEX 555.BS OPENB	EUR	3,4980	3,6500	3,3580	1779,8500	2	3,3580	498				
Certificate	NL0013079700	AEX 557.TRSOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0012902555	AEX 558.TRSOPENH	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CV8AYJ4	AEX 559.TS OPENZ	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0012860340	AEX 565.TRSOPENH	EUR	4,2500	4,6500	4,2500	50947,0100	161	4,2800	11459				
Certificate	DE000VASRFU2	AEX 567.TS OPENV	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000VASRFV0	AEX 568.TS OPENV	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000VASRFW8	AEX 569.TS OPENV	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CV8AU03	AEX 569.TS OPENZ	EUR	4,7260	4,7260	4,7260			4,7260					
Certificate	DE000VASRFX6	AEX 570.TS OPENV	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	LU1816971052	AEX 571.TPIOPENS	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012175681	AEX 571.TRSOPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000VASRFY4	AEX 571.TS OPENV	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000VASRDQ5	AEX 572.TS OPENV	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000VASRDR3	AEX 573.TS OPENV	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012265425	AEX 579.BS OPENB	EUR	5,7590	5,7590	5,7590			5,7590					
Certificate	NL0012903942	AEX 593.TRSOPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012548663	AEX 595.TRSOPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000VAI2DY1	AEX 597.TS OPENV	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000VAI2D06	AEX 598.TS OPENV	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0012203913	AEX 599.TRSOPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	DE000VL61HJ6	AEX 600.TS OPENV	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000VL61HK4	AEX 601.TS OPENV	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000VL61HL2	AEX 602.TS OPENV	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000VL61HN8	AEX 603.TS OPENV	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000VL61HQ1	AEX 604.TS OPENV	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000VL61HS7	AEX 605.TS OPENV	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000VL61HU3	AEX 606.TS OPENV	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000VL61HW9	AEX 607.TS OPENV	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VL61HY5	AEX 608.TS OPENV	EUR	5,7500	5,7500	5,7500			5,7500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4ZAT9	AEX 630.TS OPENZ	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	NL0013078058	AEX 631.TRSOPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	NL0013078041	AEX 633.TRSOPENH	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CV4ZBX9	AEX 636.TS OPENZ	EUR	11,4260	11,4260	11,4260			11,4260					
Certificate	NL0013078033	AEX 639.TRSOPENH	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0012920185	AEX 642.TRSOPENH	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	NL0013078025	AEX 645.TRSOPENH	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0012519995	AEX 688.TRSOPENH	EUR											
Certificate	NL0011231717	AEX 153.5TL OPENH	EUR	37,0800	37,0800	37,0800			37,0800					
Certificate	NL0011596689	AEX 204.2TL OPENH	EUR	32,0700	32,0700	32,0700			32,0700					
Certificate	NL0011601554	AEX 205.1TRLOPENH	EUR	31,7800	31,7800	31,7800			31,7800					
Certificate	NL0011596671	AEX 208.4TL OPENH	EUR	31,6600	31,6600	31,6600			31,6600					
Certificate	NL0011595392	AEX 226.8TRLOPENH	EUR	29,6100	29,6100	29,6100			29,6100					
Certificate	NL0011036389	AEX 247.1TL OPENH	EUR	27,8300	27,8300	27,8300			27,8300					
Certificate	DE000CK4YK1	AEX 259.9TL OPENZ	EUR	26,2910	26,2910	26,2910			26,2910					
Certificate	NL0011043310	AEX 261.6TL OPENH	EUR	26,4000	26,4000	26,4000			26,4000					
Certificate	NL0011036363	AEX 263.9TL OPENH	EUR	26,1700	26,1700	26,1700			26,1700					
Certificate	NL0011043302	AEX 265.9TL OPENH	EUR	25,9800	25,9800	25,9800			25,9800					
Certificate	NL0011422217	AEX 275.6TRLOPENH	EUR	24,7300	24,7300	24,7300			24,7300					
Certificate	NL0011043278	AEX 278.7TL OPENH	EUR	24,7200	24,7200	24,7200			24,7200					
Certificate	NL0010246310	AEX 282.3BL OPENB	EUR	24,1220	24,1220	24,1220			24,1220					
Certificate	NL0010236655	AEX 288.7BL OPENB	EUR	23,4790	23,4790	23,4790			23,4790					
Certificate	DE000CT9EJ80	AEX 291.1TL OPENC	EUR	27,2800	27,2800	27,2800			27,2800					
Certificate	NL0010251690	AEX 291.6BL OPENB	EUR	23,1870	23,1870	23,1870			23,1870					
Certificate	DE000CK6UPV2	AEX 292.1TL OPENZ	EUR	23,0650	23,0650	23,0650			23,0650					
Certificate	NL0010225488	AEX 293.3BL OPENB	EUR	23,0140	23,0140	23,0140			23,0140					
Certificate	NL0011036322	AEX 293.5TL OPENH	EUR	23,2400	23,2400	23,2400			23,2400					
Certificate	NL0011231691	AEX 295.3TL OPENH	EUR	23,0700	23,0700	23,0700			23,0700					
Certificate	NL0011043237	AEX 295.5TL OPENH	EUR	23,0500	23,0500	23,0500			23,0500					
Certificate	NL0011411855	AEX 299.2TRLOPENH	EUR	22,3700	22,3700	22,3700			22,3700					
Certificate	DE000CK6UT31	AEX 301.1TL OPENZ	EUR	22,1680	22,1680	22,1680			22,1680					
Certificate	NL0010252334	AEX 302.1BL OPENB	EUR	22,1350	22,1350	22,1350			22,1350					
Certificate	NL0011036306	AEX 308.3TL OPENH	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	NL0010721494	AEX 310.5TL OPENH	EUR	21,5700	21,5700	21,5700			21,5700					
Certificate	NL0011036298	AEX 312.5TL OPENH	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	NL0010721486	AEX 318.9TL OPENH	EUR	20,7400	20,7400	20,7400			20,7400					
Certificate	NL0011036272	AEX 320.9TL OPENH	EUR	20,5400	20,5400	20,5400			20,5400					
Certificate	DE000CT9JTC2	AEX 321.3TL OPENC	EUR	24,0800	24,0800	24,0800			24,0800					
Certificate	NL0011244637	AEX 322.2TRLOPENH	EUR	20,0700	20,0700	20,0700			20,0700					
Certificate	NL0010442091	AEX 322.9BL OPENB	EUR	20,0620	20,0620	20,0620			20,0620					
Certificate	NL0011035985	AEX 325.1TL OPENH	EUR	20,1200	20,1200	20,1200			20,1200					
Certificate	DE000CT9MWQ0	AEX 325.9TL OPENC	EUR	23,5900	23,5900	23,5900			23,5900					
Certificate	NL0010442166	AEX 326.3BL OPENB	EUR	19,7210	19,7210	19,7210			19,7210					
Certificate	NL0011053715	AEX 326.6TRLOPENH	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	NL0010442174	AEX 329.8BL OPENB	EUR	19,3710	19,3710	19,3710			19,3710					
Certificate	NL0011594957	AEX 330.8TL OPENH	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	NL0010721213	AEX 331.7TL OPENH	EUR	19,4800	19,4800	19,4800			19,4800					
Certificate	NL0011243357	AEX 333.8TRLOPENH	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	NL0011601471	AEX 335.3TRLOPENH	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	NL0010721460	AEX 335.8TL OPENH	EUR	19,0700	19,0700	19,0700			19,0700					
Certificate	NL0010890372	AEX 336.5BL OPENB	EUR	18,7010	18,7010	18,7010			18,7010					
Certificate	NL0010442646	AEX 336.7BL OPENB	EUR	18,6810	18,6810	18,6810			18,6810					
Certificate	NL0011035951	AEX 337.8TL OPENH	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0010721205	AEX 340.1TL OPENH	EUR	18,6500	18,6500	18,6500			18,6500					
Certificate	NL0010442943	AEX 340.2BL OPENB	EUR	18,3290	18,3290	18,3290			18,3290					
Certificate	NL0011053707	AEX 342.6TRLOPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0011602586	AEX 344.9TL OPENH	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	NL0010891420	AEX 345.3BL OPENB	EUR	17,8150	17,8150	17,8150			17,8150					
Certificate	NL0011603428	AEX 345.8TRLOPENH	EUR	17,7100	17,7100	17,7100			17,7100					
Certificate	NL0010891438	AEX 347.6BL OPENB	EUR	17,5890	17,5890	17,5890			17,5890					
Certificate	NL0011602883	AEX 350.1TL OPENH	EUR	17,6500	17,6500	17,6500			17,6500					
Certificate	NL0011243324	AEX 351.5TRLOPENH	EUR	17,1400	17,1400	17,1400			17,1400					
Certificate	NL0011602842	AEX 354.2TL OPENH	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0010894069	AEX 354.3BL OPENB	EUR	16,9160	16,9160	16,9160			16,9160					
Certificate	DE000CN6JRX4	AEX 355.7TL OPENZ	EUR	16,7120	16,7120	16,7120			16,7120					
Certificate	NL0011243316	AEX 355.8TRLOPENH	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	NL0011596861	AEX 357.1TRLOPENH	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0011592399	AEX 358.1TRLOPENH	EUR	16,4800	16,4800	16,4800			16,4800					
Certificate	NL0011602800	AEX 358.3TL OPENH	EUR	16,8400	16,8400	16,8400			16,8400					
Certificate	NL0011602768	AEX 362.5TL OPENH	EUR	16,4300	16,4300	16,4300			16,4300					
Certificate	NL0011603386	AEX 364.1TRLOPENH	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	DE000CN6HMY7	AEX 365.8TL OPENZ	EUR	15,6950	15,6950	15,6950			15,6950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87KD7	AEX 366.3TL OPENZ	EUR	6,4440	6,4440	6,4440			6,4440					
Certificate	NL0011605738	AEX 367.6TL OPENH	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	NL0011603337	AEX 369.4TRLOPENH	EUR	15,3500	15,3500	15,3500			15,3500					
Certificate	NL0011605696	AEX 371.8TL OPENH	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	DE000CN6JRT2	AEX 373.2TL OPENZ	EUR	14,9560	14,9560	14,9560			14,9560					
Certificate	NL0011648860	AEX 373.6BL OPENB	EUR	14,8520	14,9900	14,8520	10099,3600	1	14,9900	680				
Certificate	NL0011700752	AEX 373.8TL OPENH	EUR	15,3100	15,3100	15,3100			15,3100					
Certificate	NL0011603287	AEX 373.8TRLOPENH	EUR	14,9200	14,9200	14,9200			14,9200					
Certificate	NL0011603279	AEX 374.3TRLOPENH	EUR	14,8600	14,8600	14,8600			14,8600					
Certificate	DE000CC3Z709	AEX 375.5TL OPENC	EUR	18,3300	18,3300	18,3300			18,3300					
Certificate	NL0011603238	AEX 376.4TRLOPENH	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0011694856	AEX 379.1TRLOPENH	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	DE000CN6JWL9	AEX 381.5TL OPENZ	EUR	14,1350	14,1350	14,1350			14,1350					
Certificate	NL0011705298	AEX 382.1TL OPENH	EUR	14,5000	14,5000	14,5000			14,5000					
Certificate	NL0011694815	AEX 383.3TRLOPENH	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	DE000CC3ZCM5	AEX 383.6TL OPENC	EUR	17,4800	17,4800	17,4800			17,4800					
Certificate	NL0011705272	AEX 384.1TL OPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0011694799	AEX 385.5TRLOPENH	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	NL0011894530	AEX 387.5TL OPENH	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	NL0011694773	AEX 387.7TRLOPENH	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	NL0011891809	AEX 389.5TL OPENH	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	NL0011701040	AEX 389.7TRLOPENH	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000CN6JSM5	AEX 389.8TL OPENZ	EUR	13,3010	13,3010	13,3010			13,3010					
Certificate	NL0011701032	AEX 390.7TRLOPENH	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	NL0011892666	AEX 392.6TL OPENH	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	NL0011892641	AEX 394.7TL OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0011700984	AEX 396.2TRLOPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0011926423	AEX 400.8TL OPENH	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	NL0011892500	AEX 401.2TRLOPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	DE000CV506A8	AEX 401.3TL OPENZ	EUR	5,0490	5,0490	5,0490			5,0490					
Certificate	NL0011892435	AEX 404.8TRLOPENH	EUR	11,8100	11,8100	11,8100			11,8100					
Certificate	DE000CV50699	AEX 406.3TL OPENZ	EUR	4,8490	4,8490	4,8490			4,8490					
Certificate	DE000CN6K7J1	AEX 407.2TL OPENZ	EUR	11,5640	11,5640	11,5640			11,5640					
Certificate	DE000CD61LW8	AEX 409.1TL OPENZ	EUR	11,3710	11,3710	11,3710			11,3710					
Certificate	NL0011926183	AEX 410.6TRLOPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0011927413	AEX 411.2TL OPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	DE000CV501P7	AEX 411.3TL OPENZ	EUR	4,6470	4,6470	4,6470			4,6470					
Certificate	NL0011926175	AEX 411.7TRLOPENH	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	NL0011927397	AEX 413.3TL OPENH	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0011926159	AEX 413.3TRLOPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	NL0011926142	AEX 413.8TRLOPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CD61TW1	AEX 415.2TL OPENZ	EUR	10,7620	10,7620	10,7620			10,7620					
Certificate	NL0011926118	AEX 415.4TRLOPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0013183551	AEX 415.7TL OPENH	EUR	11,1800	11,1800	11,1800			11,1800					
Certificate	DE000CV501N2	AEX 417.3TL OPENZ	EUR	4,4470	4,4470	4,4470			4,4470					
Certificate	NL0011933783	AEX 417.6TRLOPENH	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0011993043	AEX 418.5TL OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0011927215	AEX 421.2TRLOPENH	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000CD625Y8	AEX 421.3TL OPENZ	EUR	10,1560	10,1560	10,1560			10,1560					
Certificate	DE000CV4YQC4	AEX 422.3TL OPENZ	EUR	4,2380	4,2380	4,2380			4,2380					
Certificate	NL0011993001	AEX 422.6TL OPENH	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	DE000CD62700	AEX 423.3TL OPENZ	EUR	9,9740	9,9740	9,6280	32704,3400	8	9,9550	3329				
Certificate	NL0011927173	AEX 423.4TRLOPENH	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0011908447	AEX 423.5BL OPENB	EUR	9,9980	9,9980	9,9980			9,9980					
Certificate	NL0011992987	AEX 424.7TL OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0011928403	AEX 426.5TRLOPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CD627P2	AEX 427.4TL OPENZ	EUR	9,5470	9,5470	9,5470			9,5470					
Certificate	NL0012048334	AEX 427.7TL OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012048326	AEX 428.7TL OPENH	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0011994686	AEX 430.1TRLOPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000CV4Z811	AEX 430.3TL OPENZ	EUR	3,9320	3,9320	3,9320			3,9320					
Certificate	NL0013086028	AEX 430.8TL OPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0011994678	AEX 431.1TRLOPENH	EUR	9,2500	9,2500	8,9400	22725,0000	3	9,1800	2500				
Certificate	DE000CD62619	AEX 431.5TL OPENZ	EUR	9,1350	9,1350	9,1350			9,1350					
Certificate	NL0012029342	AEX 432.1BL OPENB	EUR	9,1390	9,1390	9,1390			9,1390					
Certificate	NL0011994660	AEX 432.2TRLOPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0012048870	AEX 432.8TL OPENH	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0011994645	AEX 434.2TRLOPENH	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	NL0013086010	AEX 434.8TL OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000CV4Z803	AEX 435.3TL OPENZ	EUR	3,7320	3,7320	3,7320			3,7320					
Certificate	DE000CD628F1	AEX 435.6TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0011994611	AEX 436.4TRLOPENH	EUR	8,6500	8,6500	8,6500			8,6500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012049555	AEX 436.9TL OPENH	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012049548	AEX 437.9TL OPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0012049225	AEX 437.9TRLOPENH	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0012049530	AEX 438.9TL OPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000CV4YU09	AEX 440.3TL OPENZ	EUR	3,5230	3,5230	3,5230			3,5230					
Certificate	DE000CD63LY0	AEX 440.6TL OPENZ	EUR	8,2240	8,2240	8,2240			8,2240					
Certificate	NL0012050868	AEX 440.9TL OPENH	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	NL0012049456	AEX 441.6TRLOPENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0012038541	AEX 442.5BL OPENB	EUR	8,0940	8,0940	8,0940			8,0940					
Certificate	NL0012049431	AEX 442.6TRLOPENH	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	NL0012050835	AEX 444.1TL OPENH	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012049407	AEX 444.2TRLOPENH	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0012039838	AEX 444.5BL OPENB	EUR	7,8930	7,8930	7,8930			7,8930					
Certificate	DE000CD63XK4	AEX 444.6TL OPENZ	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	DE000CV4Z725	AEX 447.3TL OPENZ	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012050710	AEX 447.3TRLOPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0012051627	AEX 448.1TL OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000CD63Y90	AEX 448.6TL OPENZ	EUR	7,4260	7,4260	7,4260			7,4260					
Certificate	NL0012050678	AEX 449.4TRLOPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012051544	AEX 450.9TRLOPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CJ3PP45	AEX 451.3TL OPENZ	EUR	1,5460	1,5460	1,5460			1,5460					
Certificate	NL0012098974	AEX 451.9BL OPENB	EUR	7,1610	7,1610	7,1610			7,1610					
Certificate	NL0012052427	AEX 452.1TL OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000CV4Z7Y8	AEX 452.3TL OPENZ	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CD63YB1	AEX 452.7TL OPENZ	EUR	7,0230	7,0230	7,0230			7,0230					
Certificate	NL0012098982	AEX 452.9BL OPENB	EUR	7,0560	7,0560	7,0560			7,0560					
Certificate	NL0012052419	AEX 453.2TL OPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0012051908	AEX 453.5TRLOPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CD640U5	AEX 454.6TL OPENZ	EUR	6,8330	6,8330	6,8330			6,8330					
Certificate	NL0012100143	AEX 454.9BL OPENB	EUR	6,9510	6,9510	6,7660	4860,2600	3	6,8560	705				
Certificate	NL0013079072	AEX 455.4TL OPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	NL0012100150	AEX 455.9BL OPENB	EUR	6,7530	6,7530	6,7530			6,7530					
Certificate	NL0012052583	AEX 457.1TRLOPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0012053052	AEX 457.2TL OPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CV4Z7X0	AEX 457.3TL OPENZ	EUR	2,8510	2,8510	2,8510			2,8510					
Certificate	DE000CD640W1	AEX 458.6TL OPENZ	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0013126246	AEX 458.7TL OPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012052559	AEX 458.7TRLOPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012108922	AEX 459.1TL OPENB	EUR	7,2190	7,2190	7,2190			7,2190					
Certificate	NL0013125438	AEX 459.8TL OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012052872	AEX 459.8TRLOPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0012101018	AEX 460.1BL OPENB	EUR	6,3390	6,3390	6,3390			6,3390					
Certificate	NL0012110142	AEX 460.5TL OPENB	EUR	7,0820	7,0820	7,0820			7,0820					
Certificate	NL0012052849	AEX 461.3TRLOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	LU1841026922	AEX 461.5TCIOPENS	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0012093967	AEX 461.6TL OPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0012052831	AEX 461.8TRLOPENH	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CV4YQ86	AEX 462.3TL OPENZ	EUR	2,6430	2,6430	2,6430			2,6430					
Certificate	NL0012174304	AEX 462.5TL OPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CD64391	AEX 462.6TL OPENZ	EUR	6,0330	6,0330	6,0330			6,0330					
Certificate	NL0012101638	AEX 463.2BL OPENB	EUR	5,8490	6,0300	5,8490	58925,0000	2	6,0300	10000				
Certificate	NL0013126816	AEX 463.4TRLOPENH	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0012110175	AEX 463.5TL OPENB	EUR	6,7810	6,7810	6,7810			6,7810					
Certificate	NL0012174296	AEX 463.5TL OPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0012052955	AEX 464.4TRLOPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000VA8F5B4	AEX 464.5TL OPENV	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0012110183	AEX 464.6TL OPENB	EUR	6,6780	6,6780	6,6780			6,6780					
Certificate	NL0013087950	AEX 464.8TL OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012102982	AEX 465.3BL OPENB	EUR	5,8210	5,8210	5,8210			5,8210					
Certificate	DE000CD647Q8	AEX 465.3TL OPENZ	EUR											
Certificate	NL0013086465	AEX 465.4TRLOPENH	EUR	5,5700	5,7500	5,5700	7241,0000	2	5,7500	1300				
Certificate	NL0013087943	AEX 465.8TL OPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VA8F2Z0	AEX 466.4TL OPENV	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000CD643B9	AEX 466.6TL OPENZ	EUR	5,6790	5,7030	5,3300	8366,2000	14	5,6310	1479				
Certificate	NL0012053649	AEX 467.2TRLOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000VA8F212	AEX 467.4TL OPENV	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012110977	AEX 467.6TL OPENB	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012174254	AEX 467.7TL OPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0012094932	AEX 467.7TRLOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012110340	AEX 468.3BL OPENB	EUR	5,5010	5,5160	5,5010	6876,2500	1	5,5160	1250				
Certificate	DE000CJ3PJC5	AEX 468.3TL OPENZ	EUR	2,4290	2,4290	2,4290			2,4290					
Certificate	NL0012110985	AEX 468.6TL OPENB	EUR	6,2790	6,2790	6,2790			6,2790					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013083272	AEX 468.6TRLOPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0013084064	AEX 469.3TL OPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000VA71VS0	AEX 469.3TL OPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	LU1841027060	AEX 470.1TCIOPENS	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012904023	AEX 470.2TRLOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0013084056	AEX 470.3TL OPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000VA71VT8	AEX 470.3TL OPENV	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CD646R8	AEX 470.6TL OPENZ	EUR	5,2370	5,2370	5,2370			5,2370					
Certificate	NL0012112429	AEX 470.9TL OPENB	EUR	6,0620	6,0620	6,0620			6,0620					
Certificate	DE000VA71VV4	AEX 471.3TL OPENV	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012111199	AEX 471.48L OPENB	EUR	5,2090	5,2090	5,2090			5,2090					
Certificate	NL0013083264	AEX 471.6TRLOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012174213	AEX 471.8TL OPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000VA71VX0	AEX 472.3TL OPENV	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CV427W2	AEX 472.3TL OPENZ	EUR	2,2510	2,2510	2,2510			2,2510					
Certificate	NL0012111207	AEX 472.48L OPENB	EUR	5,1040	5,1040	5,1040			5,1040					
Certificate	DE000CD647L9	AEX 472.6TL OPENZ	EUR	5,0410	5,0410	5,0410			5,0410					
Certificate	NL0012174205	AEX 472.8TL OPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000VA71VY8	AEX 473.3TL OPENV	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012566087	AEX 473.3TRLOPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	NL0012174197	AEX 473.8TL OPENH	EUR	5,2400	5,4300	5,2400	7860,0000	1	5,4300	1500				
Certificate	DE000VA71V02	AEX 474.3TL OPENV	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0013083256	AEX 474.6TRLOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0012197164	AEX 474.7TL OPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012114243	AEX 474.8TL OPENB	EUR	5,5200	5,6800	5,5150	414,0000	1	5,6800	75				
Certificate	NL0013083249	AEX 475.6TRLOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012197156	AEX 475.7TL OPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012111678	AEX 475.88L OPENB	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012114250	AEX 475.8TL OPENB	EUR	5,5500	5,5800	5,5500	2775,0000	1	5,5800	500				
Certificate	LU1841027144	AEX 476.2TCIOPENS	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CE6BHL8	AEX 476.4TL OPENZ	EUR	4,6580	4,6580	4,6580			4,6580					
Certificate	NL0012113112	AEX 476.88L OPENB	EUR	4,5370	4,6670	4,3170	6479,2000	6	4,6670	1450				
Certificate	NL0012175830	AEX 477.1TRLOPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000VA71RL3	AEX 477.2TL OPENV	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0013084049	AEX 477.3TL OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CV427V4	AEX 477.3TL OPENZ	EUR	2,0520	2,0520	2,0520			2,0520					
Certificate	NL0012114805	AEX 477.8TL OPENB	EUR	5,3820	5,3820	5,3820			5,3820					
Certificate	DE000VA71RM1	AEX 478.2TL OPENV	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CJ3PNE3	AEX 478.2TL OPENZ	EUR	4,4780	4,4780	4,4780			4,4780					
Certificate	DE000CY0AW86	AEX 478.3TL OPENC	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012177208	AEX 478.6TRLOPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0012197123	AEX 478.8TL OPENH	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000VA71RN9	AEX 479.2TL OPENV	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0013083231	AEX 479.6TRLOPENH	EUR	4,3800	4,3800	4,3300	30,6600	1	4,3300	7				
Certificate	NL0012115927	AEX 479.7TL OPENB	EUR	5,2150	5,2150	5,1900	1043,0000	1	5,1900	200				
Certificate	NL0013086002	AEX 479.9TL OPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012116271	AEX 480.2TL OPENB	EUR	4,8200	5,1450	4,8200	6923,0000	4	5,1450	1400				
Certificate	DE000CE6BKB3	AEX 480.4TL OPENZ	EUR	4,2640	4,2640	4,2640			4,2640					
Certificate	LU1841027227	AEX 480.7TCIOPENS	EUR	4,2800	4,2800	3,9600	1483,1300	3	4,2800	364				
Certificate	NL0012116818	AEX 481.1TL OPENB	EUR	5,0540	5,0540	5,0540			5,0540					
Certificate	NL0012179147	AEX 481.2TRLOPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	NL0012179139	AEX 481.8TRLOPENH	EUR	4,0700	4,1200	4,0700	407,0000	1	4,1200	100				
Certificate	DE000CV4YQA8	AEX 482.3TL OPENZ	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000CE6BL35	AEX 482.3TL OPENZ	EUR	4,0690	4,0690	4,0690			4,0690					
Certificate	NL0012114508	AEX 482.58L OPENB	EUR	3,9710	4,0950	3,9710	178,7000	1	4,0950	45				
Certificate	NL0012196745	AEX 482.8TRLOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012201032	AEX 482.9TL OPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012196729	AEX 483.8TRLOPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0012201024	AEX 483.9TL OPENH	EUR	4,3400	4,4300	4,3400	4274,9000	1	4,4300	985				
Certificate	LU1841027490	AEX 484.3TCIOPENS	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CE6BPY4	AEX 484.3TL OPENZ	EUR	3,8740	3,8740	3,8740			3,8740					
Certificate	NL0012197560	AEX 484.8TRLOPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0012116891	AEX 485.2TL OPENB	EUR	4,6530	4,6530	4,6530			4,6530					
Certificate	DE000CY0AYF6	AEX 485.3TL OPENC	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012116529	AEX 485.58L OPENB	EUR	3,8010	3,8010	3,8010			3,8010					
Certificate	NL0013079064	AEX 485.5TL OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012116909	AEX 485.7TL OPENB	EUR	4,6030	4,6030	4,6030			4,6030					
Certificate	DE000VN66GQ8	AEX 485.8TL OPENV	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CE6BPZ1	AEX 486.3TL OPENZ	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	NL0013079056	AEX 486.5TL OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012116925	AEX 486.8TL OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CY165A0	AEX 486.8TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012200224	AEX 486.9TRLOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	LU1841027573	AEX 487.1TCIOPENS	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CV427U6	AEX 487.3TL OPENZ	EUR	1,5420	1,6520	1,5420	881,9400	4	1,6520	565				
Certificate	NL0012120307	AEX 487.6TL OPENB	EUR	4,4230	4,4230	4,4230			4,4230					
Certificate	DE000VL76GG2	AEX 487.6TL OPENV	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012120315	AEX 488.1TL OPENB	EUR	4,3720	4,3720	4,3720			4,3720					
Certificate	DE000CE6BTS8	AEX 488.3TL OPENZ	EUR	3,5420	3,5420	3,4800	166,4700	1	3,4800	47				
Certificate	NL0012120323	AEX 488.6TL OPENB	EUR	4,3210	4,3210	4,3210			4,3210					
Certificate	DE000VL76GH0	AEX 488.6TL OPENV	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0012200695	AEX 488.6TRLOPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	LU1841027656	AEX 489.5TCIOPENS	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012120349	AEX 489.6TL OPENB	EUR	4,2220	4,2220	4,2220			4,2220					
Certificate	NL0012200679	AEX 490.1TRLOPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012207427	AEX 490.2TL OPENH	EUR	3,8300	3,8300	3,5500	79360,0000	3	3,8100	22000				
Certificate	DE000CE6BTT6	AEX 490.3TL OPENZ	EUR	3,2820	3,2820	3,2820			3,2820					
Certificate	NL0012117410	AEX 490.78L OPENB	EUR	3,2960	3,2960	2,9060	5500,6000	7	3,2810	1725				
Certificate	LU1841027730	AEX 491.4TCIOPENS	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0013079049	AEX 491.5TL OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012117923	AEX 491.78L OPENB	EUR	3,0630	3,1880	2,8980	2568,3500	5	3,1880	850				
Certificate	NL0012200646	AEX 491.7TRLOPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012117931	AEX 492.28L OPENB	EUR	2,9720	3,1370	2,9670	59440,0000	1	3,1370	20000				
Certificate	DE000CE6BXR2	AEX 492.2TL OPENZ	EUR	3,0870	3,0870	3,0870			3,0870					
Certificate	DE000CV4YQ96	AEX 492.3TL OPENZ	EUR	1,4470	1,4470	1,4470			1,4470					
Certificate	NL0013079031	AEX 492.5TL OPENH	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0012200620	AEX 492.7TRLOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	LU1841027813	AEX 493.1TCIOPENS	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013082761	AEX 493.2TRLOPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0012276349	AEX 493.5TL OPENB	EUR	3,8420	3,8420	3,8420			3,8420					
Certificate	NL0013079023	AEX 493.5TL OPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000VN66GY2	AEX 493.8TL OPENV	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000VL76CX6	AEX 494.1TL OPENV	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CE6BYB4	AEX 494.1TL OPENZ	EUR	2,9030	2,9030	2,9030			2,9030					
Certificate	NL0012117972	AEX 494.38L OPENB	EUR	2,9270	2,9270	2,9270			2,9270					
Certificate	NL0012213151	AEX 494.3TL OPENH	EUR	3,4400	3,4400	3,4100	6880,0000	1	3,4100	2000				
Certificate	NL0012202063	AEX 494.3TRLOPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	LU1841027904	AEX 494.5TCIOPENS	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012276554	AEX 494.5TL OPENB	EUR	3,8020	3,8020	3,3870	9240,5800	4	3,7470	2607				
Certificate	NL0013082753	AEX 494.7TRLOPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0012117980	AEX 494.88L OPENB	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000VL76CY4	AEX 495.1TL OPENV	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012117998	AEX 495.38L OPENB	EUR	2,8530	2,8530	2,5980	1638,8000	3	2,8230	600				
Certificate	DE000CE6BZ54	AEX 495.3TL OPENZ	EUR											
Certificate	NL0012202048	AEX 495.3TRLOPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	NL0012276562	AEX 495.5TL OPENB	EUR	3,5530	3,6480	3,4530	3363,0800	4	3,6480	943				
Certificate	DE000VN66G03	AEX 495.8TL OPENV	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0012202030	AEX 495.9TRLOPENH	EUR	2,5300	2,7100	2,5300	1897,5000	1	2,7100	750				
Certificate	DE000VL76CZ1	AEX 496.1TL OPENV	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CE6BYC2	AEX 496.1TL OPENZ	EUR	2,7040	2,7040	2,7040			2,7040					
Certificate	NL0012491617	AEX 496.3TL OPENB	EUR	3,4180	3,5780	3,4180	1709,0000	1	3,5780	500				
Certificate	NL0012119127	AEX 496.48L OPENB	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012202022	AEX 496.4TRLOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012121685	AEX 496.98L OPENB	EUR	2,5680	2,6720	2,3520	48222,0000	7	2,6720	19000				
Certificate	NL0013081854	AEX 496.9TRLOPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012374912	AEX 497.1TL OPENH	EUR	3,1000	3,1400	2,8500	40705,0000	6	3,1300	14000				
Certificate	NL0012122808	AEX 497.38L OPENB	EUR	2,6790	2,6790	2,3550	6479,8500	8	2,6240	2600				
Certificate	DE000CV8BDN8	AEX 497.3TL OPENZ	EUR	1,2480	1,2480	1,2480			1,2480					
Certificate	NL0013080369	AEX 497.5TRLOPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	LU1841028035	AEX 497.7TCIOPENS	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012491641	AEX 497.8TL OPENB	EUR	3,4390	3,4390	3,2490	47168,5000	3	3,4190	14000				
Certificate	DE000CE6C071	AEX 498.1TL OPENZ	EUR	2,5110	2,5110	2,5110			2,5110					
Certificate	NL0013018559	AEX 498.3TL OPENB	EUR	2,6770	2,8920	2,5720	2805,9500	3	2,8920	1050				
Certificate	NL0012203954	AEX 498.4TRLOPENH	EUR	2,4900	2,4900	2,1200	25380,0000	10	2,4500	11000				
Certificate	NL0012123087	AEX 498.88L OPENB	EUR	2,5040	2,5040	2,1690	45666,5000	21	2,4640	19500				
Certificate	NL0013018567	AEX 498.8TL OPENB	EUR	2,6730	2,8510	2,6680	2718,0000	2	2,8510	1000				
Certificate	LU1841028118	AEX 499.3TCIOPENS	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0013018575	AEX 499.3TL OPENB	EUR	2,7930	2,7930	2,7930			2,7930					
Certificate	NL0012123095	AEX 499.48L OPENB	EUR	2,2710	2,4110	2,0410	32353,7300	7	2,4110	14499				
Certificate	NL0012209373	AEX 499.4TRLOPENH	EUR	2,4000	2,4000	2,0200	25452,0000	12	2,3500	11450				
Certificate	NL0013018583	AEX 499.8TL OPENB	EUR	2,7440	2,7490	2,4040	18882,5000	3	2,7440	7500				
Certificate	DE000VL76C07	AEX 500.1TL OPENV	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CE6BYE8	AEX 500.1TL OPENZ	EUR	2,1680	2,3090	2,0100	835,6000	2	2,3090	400				
Certificate	NL0013018591	AEX 500.3TL OPENB	EUR	2,7290	2,7390	2,4790	16550,6000	3	2,6940	6400				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013146202	AEX 500.68L OPENB	EUR	2,3400	2,3600	1,9000	3286,0900	12	2,2900	1546				
Certificate	DE000VA87KS9	AEX 500.6TL OPENV	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0013129059	AEX 500.6TRL OPENH	EUR	2,2700	2,2700	2,0000	1281,0000	2	2,2400	600				
Certificate	NL0013126600	AEX 500.7TL OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	LU1859903624	AEX 500.8TCIOPENS	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0013018609	AEX 500.8TL OPENB	EUR	2,3600	2,6450	2,3600	2360,0000	1	2,6450	1000				
Certificate	DE000VN66G52	AEX 500.8TL OPENV	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000VL76C15	AEX 501.1TL OPENV	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0013018955	AEX 501.3TL OPENB	EUR	2,5970	2,5970	2,5970			2,5970					
Certificate	NL0013182991	AEX 501.3TRL OPENH	EUR	2,0100	2,1700	2,0100	8040,0000	2	2,1700	4000				
Certificate	NL0013146210	AEX 501.68L OPENB	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000VA87KW1	AEX 501.6TL OPENV	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	LU1859903897	AEX 501.7TCIOPENS	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0013126592	AEX 501.7TL OPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000VN66G60	AEX 501.8TL OPENV	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0013128622	AEX 501.9TRL OPENH	EUR	2,1600	2,1600	1,9100	2450,2000	3	2,1200	1220				
Certificate	DE000VL76C23	AEX 502.1TL OPENV	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CJ3PP60	AEX 502.1TL OPENZ	EUR	1,7980	2,1200	1,7980	2093,2000	5	2,1200	1100				
Certificate	LU1859903970	AEX 502.4TCIOPENS	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013128614	AEX 502.4TRL OPENH	EUR	1,9100	2,0700	1,9000	1953,0000	3	2,0700	1000				
Certificate	NL0013146228	AEX 502.68L OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000VA87K24	AEX 502.6TL OPENV	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013127053	AEX 502.7TL OPENH	EUR	2,5200	2,5800	2,5200	1436,4000	1	2,5800	570				
Certificate	DE000VL76GV1	AEX 502.7TL OPENV	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0013145436	AEX 502.8TL OPENB	EUR	2,4810	2,4810	2,4460	1488,6000	1	2,4460	600				
Certificate	NL0013128606	AEX 502.9TRL OPENH	EUR	1,9000	2,0200	1,7400	2765,2500	4	2,0200	1450				
Certificate	DE000CJ3PQJ5	AEX 503.3TL OPENZ	EUR	1,0350	1,0350	0,9760	743,1500	4	1,0150	750				
Certificate	LU1859910249	AEX 503.4TCIOPENS	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0013128598	AEX 503.4TRL OPENH	EUR	1,9000	1,9700	1,9000	11400,0000	2	1,9700	6000				
Certificate	NL0013146236	AEX 503.68L OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VA87K23	AEX 503.6TL OPENV	EUR	1,8500	2,0200	1,8000	20313,0000	3	2,0200	11100				
Certificate	NL0013145444	AEX 503.8TL OPENB	EUR	2,2320	2,3470	2,0970	12869,4000	3	2,3470	6075				
Certificate	DE000CY16E48	AEX 503.8TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0013128580	AEX 503.9TRL OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	LU1859910322	AEX 504.1TCIOPENS	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013128028	AEX 504.2TL OPENH	EUR	2,1400	2,4200	2,1400	17690,0000	5	2,4200	8000				
Certificate	DE000CJ3QKJ6	AEX 504.3TL OPENZ	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0013128572	AEX 504.4TRL OPENH	EUR	1,7400	1,8700	1,6800	2336,4500	4	1,8700	1330				
Certificate	NL0013146244	AEX 504.68L OPENB	EUR	1,8790	1,8890	1,6250	209838,5000	14	1,8890	120500				
Certificate	DE000VA87K56	AEX 504.6TL OPENV	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0013129547	AEX 504.7TL OPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013145451	AEX 504.8TL OPENB	EUR	2,2730	2,2730	1,8470	21493,6300	9	2,2480	10702				
Certificate	NL0013185739	AEX 504.8TRL OPENH	EUR	1,8100	1,8300	1,8100	543,0000	1	1,8300	300				
Certificate	NL0013146251	AEX 505.18L OPENB	EUR	1,6640	1,8440	1,4990	9406,0700	8	1,8440	5610				
Certificate	LU1859910595	AEX 505.2TCIOPENS	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0013146269	AEX 505.68L OPENB	EUR	1,8340	1,8340	1,5690	19335,5100	9	1,7940	11601				
Certificate	DE000VA87K64	AEX 505.6TL OPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013129539	AEX 505.7TL OPENH	EUR	2,1600	2,2800	2,0200	2164648,0000	14	2,2800	1011000				
Certificate	NL0013129042	AEX 505.7TRL OPENH	EUR	1,7900	1,7900	1,4700	6042,1400	3	1,7400	3666				
Certificate	NL0013145469	AEX 505.8TL OPENB	EUR	1,9440	2,1490	1,9440	841,7500	5	2,1490	425				
Certificate	DE000CY50IQ3	AEX 506.1TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	LU1859910678	AEX 506.2TCIOPENS	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CJ3PTQ4	AEX 506.4TL OPENZ	EUR	1,6400	1,7000	1,3470	26341,9400	30	1,7000	17620				
Certificate	DE000VA87K72	AEX 506.6TL OPENV	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013129521	AEX 506.7TL OPENH	EUR	2,0300	2,1800	2,0100	20480,0000	3	2,1800	10000				
Certificate	NL0013129034	AEX 506.7TRL OPENH	EUR	1,5200	1,6500	1,3200	5620,0000	5	1,6500	4000				
Certificate	LU1521122546	AEX 506.8TCIOPENS	EUR											
Certificate	NL0013145477	AEX 506.8TL OPENB	EUR	2,0850	2,0850	1,6640	12806,0000	6	2,0400	6900				
Certificate	DE000VN66HB8	AEX 506.8TL OPENV	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CY50JR1	AEX 507.1TL OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013129026	AEX 507.2TRL OPENH	EUR	1,6200	1,6600	1,2700	14390,0000	18	1,5900	9650				
Certificate	NL0013156318	AEX 507.3TL OPENB	EUR	2,0160	2,0160	2,0160			2,0160					
Certificate	NL0013157647	AEX 507.48L OPENB	EUR	1,6030	1,6030	1,6030			1,6030					
Certificate	DE000VA87LC1	AEX 507.6TL OPENV	EUR	1,5600	1,6500	1,3200	9250,0000	7	1,6500	6200				
Certificate	DE000VL2FL28	AEX 507.6TL OPENV	EUR	2,5000	2,5600	2,0900	68544,0700	222	2,4600	30303				
Certificate	NL0013184476	AEX 507.7TL OPENH	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013156326	AEX 507.8TL OPENB	EUR	2,0010	2,0010	1,8460	14378,5600	4	1,9660	7460				
Certificate	DE000VN66HC6	AEX 507.8TL OPENV	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0013157654	AEX 507.98L OPENB	EUR	1,3910	1,5530	1,1630	3196,8000	6	1,5530	2500				
Certificate	DE000CY16MY2	AEX 507.9TL OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000VA90WU4	AEX 507.9TL OPENV	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0013185481	AEX 507.9TRL OPENH	EUR	1,5300	1,5300	1,5300			1,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY50IS9	AEX 508.1TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013156334	AEX 508.3TL OPENB	EUR	1,9170	1,9170	1,9170			1,9170					
Certificate	NL0013157662	AEX 508.48L OPENB	EUR	1,2480	1,5030	1,2340	10983,8400	8	1,5030					
Certificate	DE000CJ3QGU1	AEX 508.4TL OPENZ	EUR	0,8200	0,8340	0,6600	9136,7900	20	0,8020	8228				
Certificate	NL0013185473	AEX 508.4TRL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013184823	AEX 508.7TL OPENH	EUR	1,9900	1,9900	1,8300	5800,0000	3	1,9900	3000				
Certificate	NL0013156342	AEX 508.8TL OPENB	EUR	1,8870	1,9520	1,5770	25026,2700	7	1,8670	14760				
Certificate	NL0013157670	AEX 508.98L OPENB	EUR	1,4980	1,5530	1,0780	257377,3900	47	1,4430	192276				
Certificate	DE000VA90WV2	AEX 508.9TL OPENV	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013185465	AEX 508.9TRL OPENH	EUR	1,4500	1,4500	1,0500	46849,2000	26	1,4300	37710				
Certificate	NL0013156797	AEX 509.3TL OPENB	EUR	1,8300	1,8400	1,4790	325124,0000	24	1,8200	198600				
Certificate	NL0013157936	AEX 509.48L OPENB	EUR	1,4270	1,4270	1,0270	647719,6000	43	1,4020	501800				
Certificate	DE000CY16QJ4	AEX 509.5TL OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0013185309	AEX 509.7TL OPENH	EUR	1,8600	1,9100	1,8600	1450,8000	1	1,9100	780				
Certificate	NL0013184815	AEX 509.7TL OPENH	EUR											
Certificate	NL0013157142	AEX 510.3TL OPENB	EUR	1,5600	1,7300	1,5550	4987,8900	4	1,7300	3103				
Certificate	NL0013185291	AEX 510.7TL OPENH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CJ3PNS3	AEX 510.9TS OPENZ	EUR											
Certificate	NL0013157159	AEX 511.3TL OPENB	EUR	1,6760	1,6760	1,3660	31316,4000	3	1,6310	20400				
Certificate	NL0013185283	AEX 511.7TL OPENH	EUR	1,5200	1,7100	1,5200	1522,0400	3	1,7100	987				
Certificate	NL0013157167	AEX 512.3TL OPENB	EUR	1,4220	1,5320	1,2060	33843,3500	11	1,5320	25550				
Certificate	NL0013185275	AEX 512.7TL OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0013157175	AEX 513.3TL OPENB	EUR	1,4680	1,4680	1,1380	78638,5000	19	1,4330	62000				
Certificate	NL0013185267	AEX 513.7TL OPENH	EUR	1,4300	1,5100	1,1900	17390,0000	5	1,5100	13000				
Certificate	NL0013157183	AEX 513.8TL OPENB	EUR	1,2130	1,3830	1,0020	2318,8000	7	1,3830	2000				
Certificate	NL0013157191	AEX 514.3TL OPENB	EUR	1,3640	1,3640	0,9430	305783,4300	70	1,3240	288437				
Certificate	NL0013183544	AEX 517.7TS OPENH	EUR											
Certificate	NL0013155625	AEX 518.2TS OPENB	EUR											
Certificate	NL0013155633	AEX 518.7TS OPENB	EUR											
Certificate	NL0013183536	AEX 518.7TS OPENH	EUR											
Certificate	NL0013155641	AEX 519.7TS OPENB	EUR											
Certificate	NL0013183528	AEX 519.7TS OPENH	EUR											
Certificate	NL0013155658	AEX 520.7TS OPENB	EUR											
Certificate	NL0013183510	AEX 520.7TS OPENH	EUR											
Certificate	DE000CJ3QF57	AEX 521.1TS OPENZ	EUR											
Certificate	NL0013155666	AEX 521.7TS OPENB	EUR											
Certificate	NL0013183502	AEX 521.7TS OPENH	EUR											
Certificate	NL0013182983	AEX 522.7TRSOPENH	EUR	0,1300	0,5100	0,1100	160046,6300	130	0,2300	479888				
Certificate	NL0013155674	AEX 522.7TS OPENB	EUR	0,4910	0,9220	0,4860	15598,1000	13	0,5460	20550				
Certificate	NL0013183494	AEX 522.7TS OPENH	EUR	0,9800	0,9800	0,6600			0,6600					
Certificate	NL0013182975	AEX 523.2TRSOPENH	EUR	0,5000	0,5000	0,2500	1160,0000	6	0,2500	3000				
Certificate	NL0013155856	AEX 523.58S OPENB	EUR	0,2220	0,6020	0,0980	85708,5900	85	0,1880	322945				
Certificate	NL0013182967	AEX 523.7TRSOPENH	EUR	0,2200	0,2800	0,2200	110,0000	1	0,2800	500				
Certificate	NL0013155682	AEX 523.7TS OPENB	EUR	0,7170	0,7370	0,6470	15939,0000	2	0,6470	22000				
Certificate	NL0013183486	AEX 523.7TS OPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000VA90SJ5	AEX 524.1TS OPENV	EUR											
Certificate	NL0013182959	AEX 524.2TRSOPENH	EUR	0,2700	0,6400	0,2700	165280,0000	42	0,3100	383000				
Certificate	NL0013155096	AEX 524.58S OPENB	EUR	0,2660	0,6370	0,2660	534,1300	7	0,2950	1201				
Certificate	NL0013182942	AEX 524.7TRSOPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0013155690	AEX 524.7TS OPENB	EUR	0,7380	1,1040	0,7280	497628,4000	18	0,7480	503200				
Certificate	NL0013183478	AEX 524.7TS OPENH	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000VA90SK3	AEX 525.1TS OPENV	EUR	0,4800	0,5900	0,3900	1196,0000	4	0,3900	2400				
Certificate	NL0013182934	AEX 525.2TRSOPENH	EUR	0,4400	0,6700	0,3900	3340,0000	3	0,3900	6000				
Certificate	NL0013182926	AEX 525.7TRSOPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013155708	AEX 525.7TS OPENB	EUR	0,9050	1,1810	0,8500	8344,0000	2	0,8500	8000				
Certificate	NL0013183460	AEX 525.7TS OPENH	EUR	1,1300	1,1300	0,9600	7910,0000	1	0,9600	7000				
Certificate	DE000CJ3QEJ9	AEX 525.8TS OPENZ	EUR	0,7000	0,7000	0,4915	3500,0000	1	0,4915	5000				
Certificate	DE000VA9C597	AEX 526.1TS OPENV	EUR											
Certificate	DE000CJ3QFT5	AEX 526.1TS OPENZ	EUR	0,3890	0,5490	0,3890	14659,0500	7	0,4060	29650				
Certificate	NL0013182918	AEX 526.2TRSOPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013182900	AEX 526.7TRSOPENH	EUR	0,5000	0,7900	0,5000	23220,0000	2	0,5200	36000				
Certificate	NL0013155716	AEX 526.7TS OPENB	EUR	0,9110	1,2370	0,9110	235430,0000	7	0,9410	205000				
Certificate	NL0013183452	AEX 526.7TS OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000VA9C6D0	AEX 527.1TS OPENV	EUR											
Certificate	NL0013182892	AEX 527.2TRSOPENH	EUR	0,5200	0,9100	0,5200	8964,2800	8	0,5600	11176				
Certificate	NL0013182884	AEX 527.7TRSOPENH	EUR	0,8000	0,9500	0,6100	3500,0000	2	0,6100	4000				
Certificate	NL0013155724	AEX 527.7TS OPENB	EUR	1,0520	1,0520	1,0520			1,0520					
Certificate	NL0013183445	AEX 527.7TS OPENH	EUR	1,2500	1,3300	1,1700	15480,0000	2	1,1700	12000				
Certificate	DE000CJ3QF87	AEX 527.9TS OPENZ	EUR											
Certificate	DE000VA9C6F5	AEX 528.1TS OPENV	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0013182876	AEX 528.7TRSOPENH	EUR	0,8300	1,0900	0,7100	5658,9100	5	0,7100	6699				
Certificate	NL0013153166	AEX 528.7TS OPENB	EUR	1,0460	1,4620	1,0210	28319,5900	10	1,1210	21990				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA9C6H1	AEX 529.1TS OPENV	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013153174	AEX 529.2TS OPENB	EUR	1,2460	1,5520	1,1810	11192,0000	2	1,1810	8000				
Certificate	NL0013185093	AEX 529.4TRSOPENH	EUR	0,9300	0,9300	0,7600	2790,0000	1	0,7600	3000				
Certificate	NL0013182868	AEX 529.7TRSOPENH	EUR	1,0000	1,1500	0,8000	10304,3000	8	0,8000	10860				
Certificate	NL0013153182	AEX 529.7TS OPENB	EUR	1,2320	1,2320	1,2320			1,2320					
Certificate	NL0013182694	AEX 529.7TS OPENH	EUR	1,2800	1,3700	1,2800	2512,0000	2	1,3700	1900				
Certificate	DE000CJ3QEK7	AEX 529.8TS OPENZ	EUR	0,9480	0,9480	0,8630	633,8500	2	0,8670	700				
Certificate	DE000VA90SL1	AEX 530.1TS OPENV	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0013182850	AEX 530.7TRSOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013153190	AEX 530.7TS OPENB	EUR	1,3130	1,7040	1,3030	5036,3000	8	1,3330	3500				
Certificate	DE000VA90SN7	AEX 531.1TS OPENV	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CJ3QC72	AEX 531.1TS OPENZ	EUR	0,5880	0,6500	0,5880	4502,8500	3	0,6040	6950				
Certificate	NL0013185457	AEX 531.3TRSOPENH	EUR	1,2200	1,2200	0,9500	29280,0000	1	0,9500	24000				
Certificate	NL0013153208	AEX 531.7TS OPENB	EUR	1,6040	1,6040	1,4340	56,1400	1	1,4340	35				
Certificate	NL0013180797	AEX 531.7TS OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013152424	AEX 531.8TS OPENB	EUR	1,7870	1,7870	1,4510	27595,0000	2	1,4510	16250				
Certificate	DE000CJ3QEL5	AEX 531.8TS OPENZ	EUR	1,0080	1,1920	1,0080	4653,8300	7	1,0630	4164				
Certificate	NL0013080252	AEX 532.1TRSOPENH	EUR	0,9900	1,2500	0,9900	20510,5000	9	1,0300	19157				
Certificate	NL0013152432	AEX 532.3TS OPENB	EUR	1,5020	1,5020	1,5020			1,5020					
Certificate	NL0013008352	AEX 532.4BS OPENB	EUR	1,0900	1,5010	1,0250	124982,0500	21	1,1050	107000				
Certificate	NL0013080245	AEX 532.6TRSOPENH	EUR	1,0600	1,1700	1,0600	892,0000	2	1,0800	800				
Certificate	NL0013153216	AEX 532.7TS OPENB	EUR	1,8110	1,8110	1,5350	905,5000	1	1,5350	500				
Certificate	NL0013152440	AEX 532.8TS OPENB	EUR	1,5420	1,9180	1,5320	2353,5900	4	1,5520	1350				
Certificate	NL0013080237	AEX 533.1TRSOPENH	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0013081268	AEX 533.1TS OPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013152457	AEX 533.3TS OPENB	EUR	1,6030	1,6030	1,6030			1,6030					
Certificate	NL0013008360	AEX 533.4BS OPENB	EUR	1,1900	1,5360	1,1900	13847,5700	10	1,2100	10649				
Certificate	NL0013009368	AEX 533.4TS OPENB	EUR	1,7780	1,8040	1,6130	1074,6000	2	1,6130	600				
Certificate	NL0013080229	AEX 533.6TRSOPENH	EUR	1,2000	1,5400	1,1800	1813,5000	6	1,1800	1350				
Certificate	DE000CJ3PEE2	AEX 533.7TS OPENZ	EUR	1,2070	1,4080	1,1520	3220,3600	12	1,2530	2490				
Certificate	NL0013080211	AEX 534.1TRSOPENH	EUR	1,2000	1,5900	1,1400	78041,5000	140	1,2200	56773				
Certificate	NL0013081250	AEX 534.1TS OPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013008378	AEX 534.4BS OPENB	EUR	1,4890	1,6100	1,3140	6736,0000	3	1,3140	4600				
Certificate	NL0013009376	AEX 534.4TS OPENB	EUR	1,7490	1,8950	1,7140	727,8000	2	1,7140	400				
Certificate	NL0013080203	AEX 534.6TRSOPENH	EUR	1,2900	1,4000	1,2700	6165,4800	2	1,2700	4584				
Certificate	NL0013080195	AEX 535.1TRSOPENH	EUR	1,5100	1,5100	1,3200	830,5000	1	1,3200	550				
Certificate	NL0013081243	AEX 535.1TS OPENH	EUR	1,9100	1,9100	1,9000	9550,0000	1	1,9000	5000				
Certificate	NL0013008386	AEX 535.4BS OPENB	EUR	1,3140	1,7700	1,3140	1076,7000	3	1,4090	750				
Certificate	NL0013009384	AEX 535.4TS OPENB	EUR	1,9050	1,9150	1,8150	523,8800	1	1,8150	275				
Certificate	NL0013080187	AEX 535.6TRSOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CJ3N385	AEX 535.6TS OPENZ	EUR	1,3880	1,4290	1,3880	2776,0000	1	1,4290	2000				
Certificate	NL0013080179	AEX 536.1TRSOPENH	EUR	1,4100	1,7000	1,4100	4372,5400	6	1,4200	2864				
Certificate	NL0013081235	AEX 536.1TS OPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CJ3N1E3	AEX 536.1TS OPENZ	EUR	2,1330	2,1330	2,1330			2,1330					
Certificate	NL0013008394	AEX 536.4BS OPENB	EUR	1,4880	1,8640	1,4530	99568,6800	44	1,5030	61459				
Certificate	NL0013007073	AEX 536.4TS OPENB	EUR	1,9080	1,9080	1,9080			1,9080					
Certificate	DE000VA71QB6	AEX 536.4TS OPENV	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0013080161	AEX 536.6TRSOPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013007081	AEX 536.8TS OPENB	EUR	2,1290	2,1290	1,9580	638,7000	1	1,9580	300				
Certificate	NL0013080153	AEX 537.1TRSOPENH	EUR	1,4900	1,8900	1,4400	271412,2500	62	1,5100	164825				
Certificate	NL0013081227	AEX 537.1TS OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	LU1840973975	AEX 537.3TPIOPENS	EUR	1,2700	1,2700	1,1600	139,7000	1	1,1600	110				
Certificate	NL0013008402	AEX 537.4BS OPENB	EUR	1,7450	1,9490	1,6130	5391,5000	5	1,6130	3000				
Certificate	NL0013007099	AEX 537.4TS OPENB	EUR	2,1540	2,3650	1,9990	951,1500	3	2,0090	450				
Certificate	DE000VA71QC4	AEX 537.4TS OPENV	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0013080146	AEX 537.6TRSOPENH	EUR	1,5500	1,5700	1,5500	1240,0000	1	1,5700	800				
Certificate	DE000CJ3N7Z5	AEX 537.7TS OPENZ	EUR	1,6230	1,6230	1,6230			1,6230					
Certificate	NL0013007107	AEX 537.8TS OPENB	EUR	2,0580	2,0580	2,0580			2,0580					
Certificate	NL0013080138	AEX 538.1TRSOPENH	EUR	1,8600	1,9500	1,6200	4899,0000	6	1,6200	2700				
Certificate	NL0013008410	AEX 538.4BS OPENB	EUR	1,7020	1,7020	1,7020			1,7020					
Certificate	NL0013007115	AEX 538.4TS OPENB	EUR	2,1090	2,1090	2,1090			2,1090					
Certificate	DE000VA71QD2	AEX 538.4TS OPENV	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	LU1840974197	AEX 538.5TPIOPENS	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013080120	AEX 538.6TRSOPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0013006380	AEX 538.8TS OPENB	EUR	2,3110	2,3110	2,1550	1601,6000	2	2,1550	700				
Certificate	NL0013080112	AEX 539.1TRSOPENH	EUR	1,6700	1,8800	1,6700	1331,2500	2	1,7100	750				
Certificate	NL0013006398	AEX 539.3TS OPENB	EUR	2,1960	2,4470	2,1960	3706,4000	2	2,2060	1600				
Certificate	NL0013008428	AEX 539.4BS OPENB	EUR	1,7770	1,8020	1,7770	657,4900	1	1,8020	370				
Certificate	DE000VA71QE0	AEX 539.4TS OPENV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013080104	AEX 539.6TRSOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CJ3N708	AEX 539.7TS OPENZ	EUR	1,8320	1,8320	1,8320			1,8320					
Certificate	NL0013080096	AEX 540.1TRSOPENH	EUR	1,8100	1,8100	1,8100			1,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008436	AEX 540.48S OPENB	EUR	1,9010	1,9010	1,9010			1,9010					
Certificate	DE000VA71QF7	AEX 540.4TS OPENV	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0013080088	AEX 540.6TRSOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013006810	AEX 540.8BS OPENB	EUR	1,9470	1,9470	1,9470			1,9470					
Certificate	NL0013006414	AEX 540.8TS OPENB	EUR	2,3570	2,3570	2,3570			2,3570					
Certificate	NL0013079478	AEX 541.1TRSOPENH	EUR	1,8700	2,2300	1,8700	6216,7500	7		2875				
Certificate	DE000CJ3N1F0	AEX 541.1TS OPENZ	EUR	2,6370	2,6370	2,6370			2,6370					
Certificate	NL0013006828	AEX 541.3BS OPENB	EUR	1,9970	1,9970	1,9970			1,9970					
Certificate	DE000VA71QG5	AEX 541.4TS OPENV	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CJ3N0P1	AEX 541.5TS OPENZ	EUR	2,0060	2,0060	2,0060			2,0060					
Certificate	NL0013079460	AEX 541.6TRSOPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	LU1841095497	AEX 541.7TPIOPENS	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0013006836	AEX 541.8BS OPENB	EUR	2,0460	2,0460	2,0460			2,0460					
Certificate	NL0013006422	AEX 541.8TS OPENB	EUR	2,4570	2,4570	2,4570			2,4570					
Certificate	NL0013079452	AEX 542.1TRSOPENH	EUR	2,3300	2,3300	2,0100	58,2500	1		25				
Certificate	NL0013006844	AEX 542.3BS OPENB	EUR	2,0960	2,0960	2,0960			2,0960					
Certificate	DE000VA71QH3	AEX 542.4TS OPENV	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013079445	AEX 542.6TRSOPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0013006067	AEX 542.8BS OPENB	EUR	2,1410	2,1410	2,1410			2,1410					
Certificate	NL0013079437	AEX 543.1TRSOPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000VA71QJ9	AEX 543.4TS OPENV	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CJ3N0Q9	AEX 543.5TS OPENZ	EUR	2,2010	2,2010	2,2010			2,2010					
Certificate	NL0013079429	AEX 543.6TRSOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0013006083	AEX 543.8BS OPENB	EUR	2,4660	2,5510	2,2400	34575,0000	12		14000				
Certificate	NL0013005291	AEX 543.8TS OPENB	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	LU1840959552	AEX 544.3TPIOPENS	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013005309	AEX 544.3TS OPENB	EUR	2,7060	2,7060	2,7060			2,7060					
Certificate	DE000VA71QK7	AEX 544.4TS OPENV	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013078348	AEX 544.5TRSOPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0013006091	AEX 544.8BS OPENB	EUR	2,6460	2,7260	2,3400	59233,8100	14		22400				
Certificate	NL0013005317	AEX 544.8TS OPENB	EUR	2,7560	2,7560	2,7560			2,7560					
Certificate	LU1840909888	AEX 545.3TPIOPENS	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000VA71QL5	AEX 545.4TS OPENV	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013078322	AEX 545.5TRSOPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CJ3N0R7	AEX 545.5TS OPENZ	EUR	2,3980	2,3980	2,3980			2,3980					
Certificate	NL0013006109	AEX 545.8BS OPENB	EUR	2,4390	2,4390	2,4390			2,4390					
Certificate	NL0013005325	AEX 545.8TS OPENB	EUR	2,8560	2,8560	2,8560			2,8560					
Certificate	DE000CJ3N229	AEX 546.1TS OPENZ	EUR	3,1380	3,1380	3,1380			3,1380					
Certificate	NL0013078306	AEX 546.5TRSOPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA7TD28	AEX 546.5TS OPENV	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013005010	AEX 546.7BS OPENB	EUR	2,5340	2,5340	2,5340			2,5340					
Certificate	LU1840959636	AEX 546.8TPIOPENS	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0013005333	AEX 546.8TS OPENB	EUR	3,0990	3,1030	2,9570	1551,5000	1		500				
Certificate	NL0013078942	AEX 546.9TS OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0013005028	AEX 547.2BS OPENB	EUR	2,5830	2,5830	2,5830			2,5830					
Certificate	NL0013078280	AEX 547.5TRSOPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VA7TBF4	AEX 547.5TS OPENV	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CJ3N055	AEX 547.5TS OPENZ	EUR	2,5930	2,5930	2,5930			2,5930					
Certificate	LU1840959719	AEX 547.6TPIOPENS	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0013005036	AEX 547.7BS OPENB	EUR	2,6330	2,6330	2,6330			2,6330					
Certificate	NL0013005341	AEX 547.7TS OPENB	EUR	3,0580	3,0580	3,0580			3,0580					
Certificate	NL0012907802	AEX 547.9TS OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0013078264	AEX 548.5TRSOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VA7TBH0	AEX 548.5TS OPENV	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0013005358	AEX 548.7TS OPENB	EUR	3,4840	3,4840	3,1580	2325,3000	3		700				
Certificate	LU1840909961	AEX 549.1TPIOPENS	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CV8B9P6	AEX 549.3TS OPENZ	EUR	2,7690	2,7690	2,7690			2,7690					
Certificate	NL0012995278	AEX 549.5BS OPENB	EUR	2,8170	2,8170	2,8170			2,8170					
Certificate	NL0012896997	AEX 549.5TRSOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000VA7TBK4	AEX 549.5TS OPENV	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	LU1840910035	AEX 549.8TPIOPENS	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012896989	AEX 549.9TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0013078934	AEX 549.9TS OPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012896971	AEX 550.4TRSOPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VA7TBM0	AEX 550.5TS OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	LU1840910118	AEX 550.6TPIOPENS	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013005374	AEX 550.7TS OPENB	EUR	3,6260	3,6260	3,3600	181,3000	1		50				
Certificate	NL0012895908	AEX 550.7TS OPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012994958	AEX 550.8TS OPENB	EUR	3,9310	3,9310	3,9310			3,9310					
Certificate	DE000CV8B9Q4	AEX 551.3TS OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	LU1840910209	AEX 551.5TPIOPENS	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012902571	AEX 551.5TRSOPENH	EUR	2,9500	2,9500	2,9500			2,9500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA77BN8	AEX 551.5TS OPENV	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012895890	AEX 551.7TS OPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012895270	AEX 552.3TRSOPEH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	LU1840910381	AEX 552.5TPIOPENS	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000VA77BP3	AEX 552.5TS OPENV	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012994974	AEX 552.8TS OPENB	EUR	4,1340	4,1340	4,1340			4,1340					
Certificate	NL0012900823	AEX 553.1TRSOPEH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CV889D2	AEX 553.1TS OPENZ	EUR	1,5360	1,5360	1,5360			1,5360					
Certificate	DE000VA77BR9	AEX 553.5TS OPENV	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CJ3NX05	AEX 553.5TS OPENZ	EUR	3,1880	3,1880	3,1880			3,1880					
Certificate	NL0012895874	AEX 553.7TS OPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012903744	AEX 554.7TS OPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0012895262	AEX 554.8TRSOPEH	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0012994990	AEX 554.8TS OPENB	EUR	4,3370	4,3370	4,3370			4,3370					
Certificate	DE000CV888R4	AEX 555.2TS OPENZ	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	LU1817216853	AEX 555.4TPIOPENS	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0012902563	AEX 555.5TRSOPEH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000VAGD7P4	AEX 555.7TS OPENV	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012995005	AEX 555.8TS OPENB	EUR	4,4380	4,4380	4,4380			4,4380					
Certificate	NL0012994644	AEX 555.9BS OPENB	EUR	3,4570	3,4570	3,4570			3,4570					
Certificate	NL0013085962	AEX 556.1TS OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	LU1817216937	AEX 556.2TPIOPENS	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012895239	AEX 556.3TRSOPEH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0013129430	AEX 556.7TS OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000VAGD7R0	AEX 556.7TS OPENV	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012995013	AEX 556.8TS OPENB	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	LU1817217075	AEX 557.2TPIOPENS	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CV888S2	AEX 557.2TS OPENZ	EUR	3,5530	3,5530	3,5530			3,5530					
Certificate	NL0012895213	AEX 557.3TRSOPEH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000VAGD7T6	AEX 557.7TS OPENV	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CV88862	AEX 558.1TS OPENZ	EUR	1,7330	1,7330	1,7330			1,7330					
Certificate	LU1817217158	AEX 558.3TPIOPENS	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0012938708	AEX 558.7TRSOPEH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012895841	AEX 558.7TS OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000VAGD7V2	AEX 558.7TS OPENV	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0012989495	AEX 558.9BS OPENB	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	LU1817215533	AEX 559.2TPIOPENS	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012902548	AEX 559.5TRSOPEH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012994461	AEX 559.7TS OPENB	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000VAGD7X8	AEX 559.7TS OPENV	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012989511	AEX 559.9BS OPENB	EUR	3,8490	3,8490	3,8490			3,8490					
Certificate	LU1817215616	AEX 560.2TPIOPENS	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0012938674	AEX 560.2TRSOPEH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013087935	AEX 560.2TS OPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012989529	AEX 560.4BS OPENB	EUR	3,8990	3,8990	3,8990			3,8990					
Certificate	DE000CV88383	AEX 560.4TS OPENZ	EUR											
Certificate	NL0012994180	AEX 560.7TS OPENB	EUR	4,9380	4,9380	4,9380			4,9380					
Certificate	DE000VAGD7Z3	AEX 560.7TS OPENV	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012937825	AEX 560.8TS OPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0012902530	AEX 560.9TRSOPEH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CV8AX75	AEX 560.9TS OPENZ	EUR	3,9230	3,9230	3,9230			3,9230					
Certificate	DE000CV8AGX2	AEX 561.1TL OPENZ	EUR											
Certificate	NL0012988992	AEX 561.2TS OPENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	LU1817215707	AEX 561.3TPIOPENS	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0012902522	AEX 561.4TRSOPEH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012903736	AEX 561.7TS OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000VAGD5A0	AEX 561.7TS OPENV	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV88375	AEX 561.8TL OPENZ	EUR											
Certificate	NL0012938633	AEX 562.1TRSOPEH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012989016	AEX 562.2TS OPENB	EUR	5,0960	5,0960	5,0960			5,0960					
Certificate	NL0012989545	AEX 562.3BS OPENB	EUR	4,0970	4,0970	4,0970			4,0970					
Certificate	NL0012903728	AEX 562.6TS OPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	LU1817215889	AEX 562.7TPIOPENS	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000VAGD588	AEX 562.7TS OPENV	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012905913	AEX 562.9TRSOPEH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CV8AX83	AEX 562.9TS OPENZ	EUR	4,1220	4,1220	4,1220			4,1220					
Certificate	DE000CV8AUM6	AEX 563.1TS OPENZ	EUR	2,0130	2,0130	1,9390	140,9100	1	1,9390	70				
Certificate	NL0012937445	AEX 563.3TRSOPEH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000VAGD5C6	AEX 563.7TS OPENV	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012902514	AEX 563.9TRSOPEH	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	LU1817128645	AEX 564.2TPIOPENS	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0012989032	AEX 564.2TS OPENB	EUR	5,3000	5,3000	5,3000			5,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012904213	AEX 564.3TRSOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VAGD5D4	AEX 564.7TS OPENV	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012988828	AEX 564.88S OPENB	EUR	4,3390	4,3390	4,3390			4,3390					
Certificate	NL0012937783	AEX 564.8TS OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CV8B722	AEX 565.1TS OPENZ	EUR	4,3430	4,3430	4,3430			4,3430					
Certificate	NL0012901698	AEX 565.4TRSOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012903710	AEX 565.6TS OPENH	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012988562	AEX 565.7TS OPENB	EUR	5,4480	5,4480	5,4480			5,4480					
Certificate	NL0012849558	AEX 565.8TRSOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012792675	AEX 566.28S OPENB	EUR	4,4820	4,4820	4,4820			4,4820					
Certificate	NL0012586895	AEX 566.3TRSOPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012849541	AEX 566.3TRSOPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012903702	AEX 566.6TS OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CE6F9N5	AEX 566.6TS OPENZ	EUR	4,4940	4,4940	4,4940			4,4940					
Certificate	NL0012982086	AEX 566.78S OPENB	EUR	4,5370	4,5370	4,5370			4,5370					
Certificate	NL0012849533	AEX 566.8TRSOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012988596	AEX 567.1TS OPENB	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	LU1816981952	AEX 567.3TPIOPENS	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0012175699	AEX 567.3TRSOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0012791685	AEX 567.5TS OPENB	EUR	5,6340	5,6340	5,6340			5,6340					
Certificate	NL0012988604	AEX 567.6TS OPENB	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012903991	AEX 567.7TRSOPENH	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CV4YQH3	AEX 568.1TS OPENZ	EUR	2,1390	2,1390	2,1390			2,1390					
Certificate	NL0012903983	AEX 568.2TRSOPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012262042	AEX 568.3TS OPENB	EUR	5,7110	5,7110	5,7110			5,7110					
Certificate	LU1816980558	AEX 568.9TPIOPENS	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012860316	AEX 568.9TRSOPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012535876	AEX 568.9TS OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012982946	AEX 569.1TS OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	NL0012860589	AEX 569.4TRSOPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	LU1816980632	AEX 569.7TPIOPENS	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012982953	AEX 570.1TS OPENB	EUR	5,8960	5,8960	5,8960			5,8960					
Certificate	NL0012849525	AEX 570.2TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012591036	AEX 570.2TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012531586	AEX 570.3TS OPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CE6C6N4	AEX 570.4TS OPENZ	EUR	4,8720	4,8720	4,8720			4,8720					
Certificate	NL0012903975	AEX 570.7TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012982698	AEX 570.98S OPENB	EUR	4,9480	4,9480	4,9480			4,9480					
Certificate	DE000CE6C2Q6	AEX 571.1TS OPENZ	EUR	5,6740	5,6740	5,6740			5,6740					
Certificate	NL0012910046	AEX 571.8TRSOPENH	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0012535868	AEX 571.8TS OPENH	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0012507156	AEX 572.28S OPENB	EUR	5,0950	5,2460	5,0850	1034,1000	2	5,0850	200				
Certificate	LU1816971136	AEX 572.2TPIOPENS	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012904205	AEX 572.2TRSOPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012903694	AEX 572.6TS OPENH	EUR	6,0000	6,0000	5,7000	9510,0000	1	5,7000	1585				
Certificate	DE000CE6F9P0	AEX 572.6TS OPENZ	EUR	5,0830	5,0830	5,0830			5,0830					
Certificate	NL0012863591	AEX 573.1TRSOPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	LU1816971219	AEX 573.2TPIOPENS	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012582019	AEX 573.5TRSOPENH	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0012983266	AEX 574.1TS OPENB	EUR	6,3060	6,3060	6,3060			6,3060					
Certificate	NL0012212971	AEX 574.1TS OPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0013085954	AEX 574.1TS OPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0012910038	AEX 574.3TRSOPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CE6F9Q8	AEX 574.6TS OPENZ	EUR	5,2830	5,2830	5,2830			5,2830					
Certificate	NL0012905541	AEX 575.2TRSOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012861934	AEX 575.8TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0013078926	AEX 575.9TS OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000CV4YU33	AEX 576.1TS OPENZ	EUR	2,4710	2,4710	2,4710			2,4710					
Certificate	NL0012551626	AEX 576.4TS OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000CE6F9R6	AEX 576.5TS OPENZ	EUR	5,4810	5,4810	5,4810			5,4810					
Certificate	NL0012527030	AEX 576.8TRSOPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012862700	AEX 577.5TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012501738	AEX 577.7TS OPENB	EUR	6,9500	6,9500	6,6700	180,7000	1	6,6700	26				
Certificate	NL0012987804	AEX 578.1TS OPENB	EUR	6,7220	6,7220	6,7220			6,7220					
Certificate	DE000CE6C816	AEX 578.4TS OPENZ	EUR	5,6680	5,6680	5,6680			5,6680					
Certificate	NL0013084163	AEX 578.5TRSOPENH	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0012312102	AEX 578.8TS OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012907265	AEX 579.1TRSOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012903686	AEX 579.6TS OPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0012862692	AEX 579.9TRSOPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0011589312	AEX 579.9TRSOPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CE6F9S4	AEX 580.5TS OPENZ	EUR	5,8800	5,8800	5,8800			5,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012903967	AEX 581.1TRSOPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CV4YU41	AEX 581.1TS OPENZ	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012551600	AEX 581.3TS OPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0012307292	AEX 581.7TS OPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012174106	AEX 582.5TS OPENH	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CE6F9T2	AEX 582.5TS OPENZ	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012545784	AEX 582.6TRSOPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CV88NYS	AEX 582.7TS OPENZ	EUR											
Certificate	NL0012892459	AEX 583.1TRSOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012201446	AEX 583.7TRSOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	LU1756867971	AEX 584.3TPIOPENS	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CE6F9U0	AEX 584.5TS OPENZ	EUR	6,2790	6,2790	6,2790			6,2790					
Certificate	NL0012305759	AEX 584.6TS OPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	LU1757004632	AEX 584.7TPIOPENS	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012609424	AEX 584.9TS OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	NL0012907257	AEX 585.1TRSOPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	LU1756868276	AEX 586.1TPIOPENS	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012594055	AEX 586.1TRSOPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	LU1757004806	AEX 586.3TPIOPENS	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0013078249	AEX 586.3TRSOPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012178487	AEX 586.3TS OPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0012537591	AEX 586.4TRSOPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CE6CGN4	AEX 586.4TS OPENZ	EUR	6,4670	6,4670	6,4670			6,4670					
Certificate	LU1757005019	AEX 587.2TPIOPENS	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	LU1790568288	AEX 587.2TPIOPENS	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012903678	AEX 587.6TS OPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	DE000CV4YQJ9	AEX 588.1TS OPENZ	EUR	2,9360	2,9360	2,9360			2,9360					
Certificate	NL0012934996	AEX 588.3TRSOPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CE6F9V8	AEX 588.5TS OPENZ	EUR	6,6790	6,6790	6,6790			6,6790					
Certificate	NL0012924930	AEX 589.1TS OPENH	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	NL0012557532	AEX 589.3TS OPENH	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	LU1790508037	AEX 589.7TPIOPENS	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012903959	AEX 590.1TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CE6F9W6	AEX 590.5TS OPENZ	EUR	6,8790	6,8790	6,8790			6,8790					
Certificate	NL0012903660	AEX 590.6TS OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	LU1756878747	AEX 591.4TPIOPENS	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012200539	AEX 591.6TRSOPENH	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CV4YU58	AEX 592.1TS OPENZ	EUR	3,1370	3,1370	3,1370			3,1370					
Certificate	DE000CE6F9X4	AEX 592.5TS OPENZ	EUR	7,0780	7,0780	7,0780			7,0780					
Certificate	NL0012560767	AEX 592.6TS OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	LU1790508383	AEX 592.9TPIOPENS	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	LU1756878820	AEX 593.9TPIOPENS	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CE6CPT2	AEX 594.6TS OPENZ	EUR	7,2880	7,2880	7,2880			7,2880					
Certificate	NL0012849517	AEX 594.7TRSOPENH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0012200141	AEX 594.7TS OPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0012903652	AEX 595.5TS OPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VLSR6S2	AEX 596.4TS OPENV	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	LU1756879042	AEX 596.8TPIOPENS	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	LU1790568445	AEX 596.8TPIOPENS	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CE6F9Y2	AEX 596.8TS OPENZ	EUR	7,5020	7,5020	7,5020			7,5020					
Certificate	NL0012860266	AEX 596.9TRSOPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CV4YU66	AEX 597.1TS OPENZ	EUR	3,3370	3,3370	3,3370			3,3370					
Certificate	NL0012559116	AEX 597.3TS OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VLSR6T0	AEX 597.4TS OPENV	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0013003775	AEX 598.1TS OPENB	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000VA15K12	AEX 598.3TS OPENV	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000VLSR6U8	AEX 598.4TS OPENV	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012903645	AEX 598.5TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CE6F9Z9	AEX 598.8TS OPENZ	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000VA15K20	AEX 599.3TS OPENV	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000VLSR6V6	AEX 599.4TS OPENV	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	LU1790503665	AEX 599.8TPIOPENS	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	NL0012904643	AEX 600.2TRSOPENH	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000VA15K38	AEX 600.3TS OPENV	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000CE6FA00	AEX 600.7TS OPENZ	EUR	7,8990	7,8990	7,8990			7,8990					
Certificate	NL0012904635	AEX 601.2TRSOPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA15PR1	AEX 601.9TS OPENV	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000CV4YU74	AEX 602.1TS OPENZ	EUR	3,5360	3,5360	3,5360			3,5360					
Certificate	DE000CE6CST6	AEX 602.6TS OPENZ	EUR	8,0890	8,0890	8,0890			8,0890					
Certificate	NL0012864003	AEX 602.9TRSOPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VA15PS9	AEX 602.9TS OPENV	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0012851166	AEX 603.1TS OPENH	EUR	8,7800	8,7800	8,7800			8,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790568791	AEX 603.4TPIOPENS	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VA15PT7	AEX 603.9TS OPENV	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CE6FA18	AEX 604.8TS OPENZ	EUR	8,3020	8,3020	8,3020			8,3020					
Certificate	NL0013078231	AEX 605.2TRSOPEH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000VA15QT5	AEX 605.4TS OPENV	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VA4YQX2	AEX 605.7TS OPENV	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000VA15QV1	AEX 606.4TS OPENV	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012523534	AEX 606.7TS OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000VA4YQV0	AEX 606.7TS OPENV	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CE6FA26	AEX 606.8TS OPENZ	EUR	8,5010	8,5010	8,5010			8,5010					
Certificate	DE000CV4YQK7	AEX 607.1TS OPENZ	EUR	3,7320	3,7320	3,7320			3,7320					
Certificate	DE000VA4YQZ7	AEX 607.7TS OPENV	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012237655	AEX 607.8TRSOPEH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CE6FA34	AEX 608.8TS OPENZ	EUR	8,7010	8,7010	8,7010			8,7010					
Certificate	NL0013085947	AEX 609.1TS OPENH	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000VA4YSH1	AEX 609.3TS OPENV	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	LU1790508540	AEX 609.6TPIOPENS	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	LU1612676780	AEX 609.8TPIOPENS	EUR											
Certificate	NL0013087448	AEX 609.9TRSOPEH	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	DE000VA4YSJ7	AEX 610.3TS OPENV	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0012892442	AEX 610.4TRSOPEH	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	DE000CE6CKY6	AEX 610.8TS OPENZ	EUR	8,9010	8,9010	8,9010			8,9010					
Certificate	NL0013087927	AEX 611.1TS OPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	NL0012903637	AEX 611.5TS OPENH	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0013003791	AEX 611.9TS OPENB	EUR	9,5350	9,5350	9,5350			9,5350					
Certificate	DE000VA4YWU6	AEX 612.1TS OPENV	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CV4YU82	AEX 612.1TS OPENZ	EUR	3,9340	3,9340	3,9340			3,9340					
Certificate	DE000VA4Y1Q2	AEX 612.8TS OPENV	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CE6FA42	AEX 612.9TS OPENZ	EUR	9,1130	9,1130	9,1130			9,1130					
Certificate	NL0013078082	AEX 613.1TRSOPEH	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0013183437	AEX 613.7TS OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0013078918	AEX 614.8TS OPENH	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000CE6FA59	AEX 614.9TS OPENZ	EUR	9,3110	9,3110	9,3110			9,3110					
Certificate	LU1695123965	AEX 616.3TPIOPENS	EUR											
Certificate	NL0012309462	AEX 616.3TRSOPEH	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0012507172	AEX 616.58S OPENB	EUR	9,5180	9,5180	9,5180			9,5180					
Certificate	NL0012602171	AEX 616.6TS OPENH	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CE6FA67	AEX 616.9TS OPENZ	EUR	9,5120	9,5120	9,5120			9,5120					
Certificate	DE000CV4YVF7	AEX 617.1TS OPENZ	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	DE000CE6EY37	AEX 618.8TS OPENZ	EUR	9,7010	9,7010	9,7010			9,7010					
Certificate	NL0012903629	AEX 619.5TS OPENH	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CE6FCH8	AEX 620.3TS OPENZ	EUR	9,8550	9,8550	9,8550			9,8550					
Certificate	NL0012905905	AEX 620.6TRSOPEH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	NL0013185259	AEX 621.7TS OPENH	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0013003809	AEX 621.8TS OPENB	EUR	10,5310	10,5310	10,5310			10,5310					
Certificate	DE000CV4YVG5	AEX 622.1TS OPENZ	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0012212948	AEX 622.2TS OPENH	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000CE6FCJ4	AEX 622.3TS OPENZ	EUR	10,0540	10,0540	10,0540			10,0540					
Certificate	NL0013128945	AEX 622.9TRSOPEH	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	NL0013078074	AEX 623.1TRSOPEH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CV4Z4G2	AEX 624.2TS OPENZ	EUR	10,3170	10,3170	10,2440	4642,6500	1	10,2440	450				
Certificate	NL0013078066	AEX 625.1TRSOPEH	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	NL0012903611	AEX 625.4TS OPENH	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	DE000CE6EZ28	AEX 626.4TS OPENZ	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012534473	AEX 626.9TRSOPEH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	DE000CV4Z3L4	AEX 627.1TS OPENZ	EUR	4,5320	4,5320	4,5320			4,5320					
Certificate	DE000CV4Z5D6	AEX 628.3TS OPENZ	EUR	10,6540	10,6540	10,6540			10,6540					
Certificate	NL0013078900	AEX 628.7TS OPENH	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0013181035	AEX 629.4TRSOPEH	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	NL0013182082	AEX 629.5TRSOPEH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0012562748	AEX 630.8TS OPENH	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	DE000CV4ZGV2	AEX 632.1TS OPENZ	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CV4Z3M2	AEX 632.1TS OPENZ	EUR	4,7310	4,7310	4,7310			4,7310					
Certificate	DE000CE6F2G4	AEX 634.4TS OPENZ	EUR	11,2630	11,2630	11,2630			11,2630					
Certificate	NL0013003817	AEX 634.6TS OPENB	EUR	11,8260	11,8260	11,8260			11,8260					
Certificate	NL0012545776	AEX 634.8TRSOPEH	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0012243075	AEX 635.8TS OPENH	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	NL0013078223	AEX 637.1TRSOPEH	EUR	11,5000	11,5000	11,5000			11,5000					
Certificate	DE000CV4Z5K1	AEX 637.1TS OPENZ	EUR	4,9330	4,9330	4,9330			4,9330					
Certificate	DE000CV4ZGW0	AEX 638.1TS OPENZ	EUR	11,6320	11,6320	11,6320			11,6320					
Certificate	NL0012611842	AEX 638.4TS OPENH	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	NL0012789689	AEX 639.58S OPENB	EUR	11,8130	11,8130	11,8130			11,8130					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4ZLK5	AEX 640.1TS OPENZ	EUR	11,8380	11,8380	11,8380			11,8380					
Certificate	DE000CV4ZCN8	AEX 642.1TS OPENZ	EUR	5,1260	5,1260	5,1260			5,1260					
Certificate	DE000CE6F4L0	AEX 642.4TS OPENZ	EUR	12,0660	12,0660	12,0660			12,0660					
Certificate	NL0013184807	AEX 643.7TS OPENH	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CV4ZMT4	AEX 644.4TS OPENZ	EUR	12,2630	12,2630	12,2630			12,2630					
Certificate	NL0013084023	AEX 645.1TS OPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0012308324	AEX 645.8TS OPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	DE000CV4ZMU2	AEX 646.4TS OPENZ	EUR	12,4620	12,4620	12,4620			12,4620					
Certificate	DE000CV4ZCP3	AEX 647.1TS OPENZ	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	NL0012523021	AEX 647.6TRSOPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	DE000CV4ZP62	AEX 648.5TS OPENZ	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0012849491	AEX 648.7TRSOPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	NL0013129422	AEX 649.6TS OPENH	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	NL0012557995	AEX 650.1TS OPENH	EUR	13,5400	13,5400	13,5400			13,5400					
Certificate	DE000CV4ZP70	AEX 650.4TS OPENZ	EUR	12,8680	12,8680	12,8680			12,8680					
Certificate	DE000CV4ZNC8	AEX 652.1TS OPENZ	EUR	5,5310	5,5310	5,5310			5,5310					
Certificate	NL0013003825	AEX 652.4TS OPENB	EUR	13,6190	13,6190	13,6190			13,6190					
Certificate	NL0013132657	AEX 653.7TRSOPENH	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	NL0013084155	AEX 655.2TRSOPENH	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	NL0013181365	AEX 655.7TS OPENH	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	NL0012543169	AEX 656.5TRSOPENH	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CV4ZND6	AEX 657.1TS OPENZ	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012308290	AEX 657.3TS OPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	DE000CV88X09	AEX 658.5TS OPENZ	EUR	13,6690	13,6690	13,6690			13,6690					
Certificate	NL0012543151	AEX 660.4TRSOPENH	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0011229281	AEX 666.1TS OPENH	EUR	15,1600	15,1600	15,1600			15,1600					
Certificate	NL0012547590	AEX 666.3TRSOPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000CV87MP7	AEX 666.4TS OPENZ	EUR	14,4690	14,4690	14,4690			14,4690					
Certificate	NL0013078017	AEX 670.8TRSOPENH	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	NL0012308274	AEX 672.8TS OPENH	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	DE000CV8AFE4	AEX 674.7TS OPENZ	EUR	15,2990	15,2990	15,2990			15,2990					
Certificate	DE000CV88ZP7	AEX 676.1TS OPENZ	EUR	6,5390	6,5390	6,5390			6,5390					
Certificate	NL0012550214	AEX 678.3TRSOPENH	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0012308258	AEX 680.5TS OPENH	EUR	16,6100	16,6100	16,6100			16,6100					
Certificate	DE000CV88CK7	AEX 682.3TS OPENZ	EUR	16,0580	16,0580	16,0580			16,0580					
Certificate	NL0013078009	AEX 682.8TRSOPENH	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0013077993	AEX 686.8TRSOPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	NL0013078892	AEX 688.6TS OPENH	EUR	17,4300	17,4300	17,4300			17,4300					
Certificate	NL0012556500	AEX 692.1TRSOPENH	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	DE000CV88AU0	AEX 696.1TS OPENZ	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012600100	AEX 696.8TS OPENH	EUR	18,2600	18,2600	18,2600			18,2600					
Certificate	NL0012431274	AEX 697.9TS OPENH	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0013077985	AEX 698.7TRSOPENH	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	DE000CV88L37	AEX 698.8TS OPENZ	EUR	17,9000	17,9000	17,7090	358,0000	1	17,7090	20				
Certificate	NL0012551592	AEX 702.8TS OPENH	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0013078884	AEX 708.5TS OPENH	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	NL0012916209	AEX 710.3TRSOPENH	EUR	18,8200	18,8200	18,8200			18,8200					
Certificate	NL0012523526	AEX 713.8TS OPENH	EUR	19,9700	19,9700	19,9700			19,9700					
Certificate	DE000CV88X17	AEX 714.9TS OPENZ	EUR	19,3110	19,3110	19,3110			19,3110					
Certificate	NL0012526396	AEX 718.2TS OPENH	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	NL0012527337	AEX 722.2TS OPENH	EUR	20,8400	20,8400	20,8400			20,8400					
Certificate	NL0013078876	AEX 728.5TS OPENH	EUR	21,4700	21,4700	21,4700			21,4700					
Certificate	DE000CV8A8W5	AEX 730.9TS OPENZ	EUR	20,9110	20,9110	20,9110			20,9110					
Certificate	DE000CV88UV6	AEX 735.1TS OPENZ	EUR	8,8940	8,8940	8,8940			8,8940					
Certificate	NL0012537377	AEX 735.7TS OPENH	EUR	22,2000	22,2000	22,2000			22,2000					
Certificate	NL0013078868	AEX 740.5TS OPENH	EUR	22,6800	22,6800	22,6800			22,6800					
Certificate	NL0012606479	AEX 746.5TS OPENH	EUR	23,2900	23,2900	23,2900			23,2900					
Certificate	NL0012551576	AEX 749.9TS OPENH	EUR	23,6300	23,6300	23,6300			23,6300					
Certificate	NL0012851141	AEX 769.9TS OPENH	EUR	25,6600	25,6600	25,6600			25,6600					
Certificate	FR0013123270	AEX75 SHROPENS	EUR											
Certificate	DE000CE68UD8	AEXG8 LEVOPENZ	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	DE000CE68UE6	AEXG8 LEVOPENZ	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CN6JH55	AEXG8 LEVOPENZ	EUR	14,0750	14,0750	14,0750			14,0750					
Certificate	DE000CE68UC0	AEXG8 LEVOPENZ	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	DE000CN6JHT3	AEXG8 LEVOPENZ	EUR	1,0180	1,0180	1,0180			1,0180					
Certificate	DE000CE68UH9	AEXG8 SHROPENZ	EUR	0,9720	0,9720	0,9720			0,9720					
Certificate	DE000CE68UG1	AEXG8 SHROPENZ	EUR	4,1380	4,1380	4,1380			4,1380					
Certificate	DE000CE68UF3	AEXG8 SHROPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CE68UJ5	AEXG8 SHROPENZ	EUR	0,1290	0,1290	0,1290			0,1290					
Certificate	NL0000838167	AFRIC PI OPENN	EUR	9,2000	9,3900	9,2000			9,3900					
Certificate	NL0011993449	AGEAS 30TL OPENH	EUR	1,6600	1,6700	1,6600			1,6700					
Certificate	NL0012245369	AGEAS 36TS OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6YV6	AGEAS 38.TL OPENZ	EUR	1,1650	1,1650	1,0550			1,0550					
Certificate	NL0009998855	AGEAS 0.93TL OPENB	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0011041538	AGEAS 11.1TL OPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0011041520	AGEAS 15.3TL OPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0011041512	AGEAS 17.4TL OPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0011041496	AGEAS 21.6TL OPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CR4GVC7	AGEAS 21.9TL OPENZ	EUR	21,8900	21,8900	21,3550			21,3550					
Certificate	NL0011895131	AGEAS 22.8TL OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0011041488	AGEAS 23.7TL OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0011895115	AGEAS 24.8TL OPENH	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0011895107	AGEAS 25.3TL OPENH	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0011972369	AGEAS 26.9TL OPENH	EUR	1,9400	1,9500	1,9400			1,9500					
Certificate	DE000CR6X825	AGEAS 27.6TL OPENZ	EUR	16,2000	16,2000	15,6600			15,6600					
Certificate	NL0012048961	AGEAS 31.8TL OPENH	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012311708	AGEAS 33.6TL OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012365761	AGEAS 34.5TL OPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012306468	AGEAS 35.1TL OPENH	EUR											
Certificate	NL0012367635	AGEAS 35.7TL OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012431506	AGEAS 36.5TL OPENH	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012499578	AGEAS 36.6TL OPENB	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	NL0012538656	AGEAS 38.1TL OPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012582738	AGEAS 39.5TL OPENH	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012926885	AGEAS 41.6TL OPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013128135	AGEAS 42.7TL OPENH	EUR											
Certificate	NL0013155310	AGEAS 45.1BS OPENB	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013134216	AGEAS 45.5TS OPENH	EUR	0,7000	0,7900	0,7000			0,7900					
Certificate	NL0013009814	AGEAS 46.6TS OPENB	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012581839	AGEAS 47.2TS OPENH	EUR	0,8900	0,9800	0,8900			0,9800					
Certificate	NL0012676530	AGEAS 48.1BS OPENB	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012524946	AGEAS 48.5TS OPENH	EUR	1,0400	1,1300	1,0400			1,1300					
Certificate	NL0010131561	AGEAS 5.89TL OPENB	EUR	39,0200	39,0200	39,0200			39,0200					
Certificate	NL0012553561	AGEAS 52.5TS OPENH	EUR	1,4800	1,5700	1,4800			1,5700					
Certificate	DE000CV892L9	AGEAS 56.4TS OPENZ	EUR	2,5550	2,6650	2,5550			2,6650					
Certificate	DE000CK6UYT8	AGEAS 9.42TL OPENZ	EUR	34,6000	34,6000	34,0650			34,0650					
Certificate	NL0010254314	AGEAS11.16TL OPENB	EUR	34,1600	34,1600	34,1600			34,1600					
Certificate	NL0010281358	AGEAS12.77TL OPENB	EUR	32,6900	32,6900	32,6900			32,6900					
Certificate	NL0010284295	AGEAS14.35TL OPENB	EUR	31,2400	31,2400	31,2400			31,2400					
Certificate	NL0010379285	AGEAS16.16TL OPENB	EUR	29,5700	29,5700	29,5700			29,5700					
Certificate	NL0011646880	AGEAS18.55BL OPENB	EUR	24,8400	24,8400	24,8400			24,8400					
Certificate	NL0010895819	AGEAS18.59TL OPENB	EUR	26,4500	26,4500	26,4500			26,4500					
Certificate	NL0010155628	AGEAS19.41TL OPENA	EUR											
Certificate	NL0010898904	AGEAS20.18TL OPENB	EUR	25,0400	25,0400	25,0400			25,0400					
Certificate	NL0011899984	AGEAS20.73BL OPENB	EUR	22,5700	22,5700	22,5700			22,5700					
Certificate	NL0010913026	AGEAS22.26TL OPENB	EUR	23,1900	23,1900	23,1900			23,1900					
Certificate	NL0010926168	AGEAS24.37TL OPENB	EUR	21,3000	21,3000	21,3000			21,3000					
Certificate	NL0011636535	AGEAS25.02BL OPENB	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	DE000CR4J5T0	AGEAS26.09TL OPENZ	EUR	17,7100	17,7100	17,1700			17,1700					
Certificate	NL0011915970	AGEAS26.43TL OPENB	EUR	19,4800	19,4800	19,4800			19,4800					
Certificate	NL0000075752	AGEAS26.4.6TS OPENB	EUR	25,1250	25,1250	25,1250			25,1250					
Certificate	NL0012030233	AGEAS28.47TL OPENB	EUR	17,6700	17,6700	17,6700			17,6700					
Certificate	DE000CV508W8	AGEAS29.54TL OPENZ	EUR	2,8550	2,8550	2,7450			2,7450					
Certificate	NL0012033310	AGEAS30.53TL OPENB	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	DE000CD63LD4	AGEAS31.56TL OPENZ	EUR	12,2400	12,2400	11,7000			11,7000					
Certificate	NL0012259394	AGEAS32.58TL OPENB	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CD640E9	AGEAS33.55TL OPENZ	EUR	10,2500	10,2500	9,7100			9,7100					
Certificate	NL0012276745	AGEAS35.53BL OPENB	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CE6DUW4	AGEAS35.53TL OPENZ	EUR	1,6550	1,6550	1,5450			1,5450					
Certificate	NL0012489090	AGEAS37.59BL OPENB	EUR	5,6700	5,7100	5,6700	850,5000	1	5,7100	150				
Certificate	NL0012693576	AGEAS38.59TL OPENB	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0012774327	AGEAS39.63BL OPENB	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CV87QL7	AGEAS39.99TL OPENZ	EUR	0,7650	0,7650	0,6650			0,6650					
Certificate	NL0012785695	AGEAS40.59TL OPENB	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0013145675	AGEAS41.57TL OPENB	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012979660	AGEAS41.65BL OPENB	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CV8A6M0	AGEAS41.98TL OPENZ	EUR	0,3750	0,3750	0,2750			0,2750					
Certificate	NL0013150725	AGEAS42.56TL OPENB	EUR											
Certificate	DE000CJ3PPG3	AGEAS46.43TS OPENZ	EUR	0,5750	0,6750	0,5750			0,6750					
Certificate	NL0012984116	AGEAS48.51TS OPENB	EUR	12,4500	12,4500	12,4500			12,4500					
Certificate	NL0012788335	AGEAS51.05BS OPENB	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000CV87S80	AGEAS51.41TS OPENZ	EUR	1,5650	1,6650	1,5650			1,6650					
Certificate	NL0012983951	AGEAS54.01BS OPENB	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0009066687	AGFA 1TL OPENB	EUR	3,1950	3,1950	3,1950			3,1950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012792865	AGFA 3TL OPENB	EUR	1,1250	1,1250	1,1150			1,1150					
Certificate	NL0010001251	AGFA 1.2TL OPENB	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	NL0010280822	AGFA 1.4TL OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0012794713	AGFA 3.1TL OPENB	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	NL0012991236	AGFA 3.5TL OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CJ3PJG6	AGFA 1.93TL OPENZ	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0010895843	AGFA 1.98TL OPENB	EUR	2,1100	2,1150	2,1100	4220,0000	1	2,1150	2000				
Certificate	DE000CV87Z57	AGFA 2.23TL OPENZ	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0011090774	AGFA 2.26TL OPENB	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CN6G1K8	AGFA 2.44TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0011818141	AGFA 2.52TL OPENB	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CD61P28	AGFA 2.65TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0012020283	AGFA 2.79TL OPENB	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CD636Q1	AGFA 2.86TL OPENZ	EUR	1,1500	1,1500	1,1500	345,0000	1	1,1500	300				
Certificate	NL0012776561	AGFA 2.89TL OPENB	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CV89FM4	AGFA 3.07TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0012974026	AGFA 3.19TL OPENB	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0012976369	AGFA 3.29TL OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CJ3N8T6	AGFA 3.38TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0012976377	AGFA 3.39TL OPENB	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0013010812	AGFA 3.61TL OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CJ3PBZ3	AGFA 3.67TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0013156839	AGFA 3.71TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013149644	AGFA 4.04TS OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0012978688	AGFA 4.24TS OPENB	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0012978696	AGFA 4.44TS OPENB	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CV89SQ8	AGFA 4.46TS OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0013000581	AGFA 4.64TS OPENB	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV8AY58	AGFA 4.92TS OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013008600	AGFA 3.127BL OPENB	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013006513	AGFA 3.327BL OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013006521	AGFA 3.528BL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013156946	AGFA 3.729BL OPENB	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	NL0013151574	AGFA 3.926BS OPENB	EUR											
Certificate	NL0013006703	AGFA 4.324BS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0013013527	AGFA 4.722BS OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CJ3P9W6	AGNIC22.52TL OPENZ	EUR	2,3750	2,4750	2,3750			2,4750					
Certificate	DE000CV8AZK9	AGNIC26.52TL OPENZ	EUR	1,7150	1,8150	1,7150			1,8150					
Certificate	DE000CN6KWL7	AGNIC31.85TL OPENZ	EUR	0,8150	0,9250	0,8150			0,9250					
Certificate	DE000CE6BQU0	AHOLD LEVOPENZ	EUR	38,9950	38,9950	38,9050			38,9050					
Certificate	DE000CE6BQK1	AHOLD SHROPENZ	EUR	5,4150	5,4350	5,4150			5,4350					
Certificate	NL0010113478	AHOLD 3TL OPENB	EUR	94,5650	94,5650	94,5650			94,5650					
Certificate	NL0009974658	AHOLD 6TL OPENB	EUR	17,1200	17,1200	17,1200			17,1200					
Certificate	NL0010895884	AHOLD 11TL OPENB	EUR	12,4800	12,4800	12,4600	2496,0000	1	12,4600	200				
Certificate	DE000CY519X0	AHOLD 12TL OPENC	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000CY516B2	AHOLD 12TL OPENC	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	DE000CY519Y8	AHOLD 13TL OPENC	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	DE000CY516C0	AHOLD 13TL OPENC	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000CY50LU1	AHOLD 14TL OPENC	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CY50L38	AHOLD 14TL OPENC	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CJ3NIF3	AHOLD 15TL 1218Z	EUR	1,5900	1,5950	1,5900			1,5950					
Certificate	DE000CQ5AXN1	AHOLD 15TL OPENC	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CX59K56	AHOLD 15TL OPENC	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000CX59P10	AHOLD 15TL OPENC	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	DE000CQ5ANU7	AHOLD 15TL OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CY523U8	AHOLD 16TL OPENC	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CY523E2	AHOLD 16TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CY524H3	AHOLD 16TL OPENC	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000VA7PWN4	AHOLD 17TL 0319V	EUR	6,0050	6,0050	6,0050			6,0050					
Certificate	DE000CV8ABE3	AHOLD 17TL 1218Z	EUR	1,1900	1,1950	1,1900			1,1950					
Certificate	DE000CY52B20	AHOLD 17TL OPENC	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000CQ5A0S3	AHOLD 17TL OPENC	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000VA64033	AHOLD 18TL 0319V	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	DE000VA6T134	AHOLD 18TL 1218V	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000CV8APZ8	AHOLD 18TL 1218Z	EUR	1,0000	1,0000	0,9950			0,9950					
Certificate	DE000CQ5A552	AHOLD 18TL OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000CQ5A776	AHOLD 18TL OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012648729	AHOLD 19BON0619Z	EUR	22,5000	22,5000	22,4700			22,4700					
Certificate	DE000VA71X67	AHOLD 19TL 0319V	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	DE000VA71X26	AHOLD 19TL 1218V	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	DE000CP23466	AHOLD 19TL OPENC	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000CQ5AHB9	AHOLD 19TL OPENC	EUR	4,4200	4,4200	4,4200			4,4200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5AJX9	AHOLD 19TL OPENC	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012648398	AHOLD 20B0C0619Z	EUR	19,8900	19,8900	19,8900			19,8900					
Certificate	DE000VA9CT49	AHOLD 20TL 0319V	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	DE000VA9CT31	AHOLD 20TL 1218V	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	NL0013150204	AHOLD 20TL OPENB	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CP231Y1	AHOLD 20TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP23474	AHOLD 20TL OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012795306	AHOLD 21B0C0319Z	EUR	20,8000	20,8100	20,8000			20,8100					
Certificate	LU1876931285	AHOLD 21TCIOPENS	EUR	2,2000	2,2000	2,1100			2,1100					
Certificate	DE000VA9CU95	AHOLD 21TL 0319V	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	LU1876931368	AHOLD 22TCIOPENS	EUR	1,2100	1,2100	1,1300			1,1300					
Certificate	DE000VA9CX89	AHOLD 22TL 0319V	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000CY52B46	AHOLD 22TS OPENC	EUR											
Certificate	LU1876936839	AHOLD 23TCIOPENS	EUR	0,6700	0,7500	0,6700			0,7500					
Certificate	DE000VA9OU27	AHOLD 23TS 0319V	EUR											
Certificate	LU1876936912	AHOLD 24TCIOPENS	EUR	1,6500	1,7400	1,6500			1,7400					
Certificate	DE000VA9C0B7	AHOLD 24TS 0319V	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	DE000CI3NUG1	AHOLD 24TS 1218Z	EUR	0,2700	0,2750	0,2700			0,2750					
Certificate	DE000CQ58253	AHOLD 24TS OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CQ58DR2	AHOLD 24TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	LU1876937050	AHOLD 25TCIOPENS	EUR	2,6400	2,7300	2,6400			2,7300					
Certificate	DE000VA9CW93	AHOLD 25TS 0319V	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CP06255	AHOLD 25TS OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CQ58PL9	AHOLD 25TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	LU1876937134	AHOLD 26TCIOPENS	EUR	3,6300	3,7200	3,6300			3,7200					
Certificate	DE000CV8ABG8	AHOLD 26TS 1218Z	EUR	0,6700	0,6750	0,6700			0,6750					
Certificate	DE000CP231Z8	AHOLD 26TS OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CP23482	AHOLD 26TS OPENC	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CP23490	AHOLD 27TS OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0010126751	AHOLD 3.6TL OPENB	EUR	92,1850	92,1850	92,1850			92,1850					
Certificate	NL0010123261	AHOLD 6.6TL OPENB	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0010280368	AHOLD 7.5TL OPENB	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0010877007	AHOLD 8.4TL OPENB	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	NL0010442299	AHOLD 9.6TL OPENB	EUR	13,8000	13,8000	13,8000			13,8000					
Certificate	NL0010899076	AHOLD 10.2TL OPENB	EUR	62,9750	62,9750	62,9750			62,9750					
Certificate	NL0010898912	AHOLD 11.6TL OPENB	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	NL0010912150	AHOLD 12.2TL OPENB	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0012273940	AHOLD 12.4BL OPENB	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0010914404	AHOLD 12.7TL OPENB	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0010918538	AHOLD 13.3TL OPENB	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0010921763	AHOLD 13.9TL OPENB	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0011260500	AHOLD 14.1TL OPENB	EUR	45,7350	45,7350	45,7350			45,7350					
Certificate	NL0012497713	AHOLD 14.8TL OPENB	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0012501399	AHOLD 15.3BL OPENB	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	NL0012538649	AHOLD 16.3TL OPENH	EUR	7,6100	7,7100	7,6100			7,7100					
Certificate	NL0012494488	AHOLD 16.6B0C1218B	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012685010	AHOLD 16.6TL OPENB	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0012583421	AHOLD 17.3TL OPENH	EUR	6,6800	6,7800	6,6800			6,7800					
Certificate	DE000VA64025	AHOLD 17.5TL 0319V	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	DE000VA6TX96	AHOLD 17.5TL 1218V	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0012770721	AHOLD 17.5TL OPENB	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0012779839	AHOLD 18.3TL OPENB	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VA64041	AHOLD 18.5TL 0319V	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	DE000VA6ED30	AHOLD 18.5TL 1218V	EUR	4,4950	4,4950	4,4950			4,4950					
Certificate	DE000VA710Q4	AHOLD 19.5TL 0319V	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	DE000VA710P6	AHOLD 19.5TL 1218V	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0012648943	AHOLD 20.5B0C0619Z	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	NL0012792972	AHOLD 20.8B0C1218B	EUR	20,7500	20,7500	20,7500			20,7500					
Certificate	NL0013150212	AHOLD 20.8TL OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0013132558	AHOLD 21.3TL OPENH	EUR	2,9600	3,0500	2,9600			3,0500					
Certificate	NL0013151855	AHOLD 21.6TL OPENB	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0013148778	AHOLD 22.2B0C1219B	EUR	21,2200	21,2200	21,2200			21,2200					
Certificate	DE000VA90VP6	AHOLD 22.9TS OPENV	EUR											
Certificate	DE000VA90TN5	AHOLD 23.1TS OPENV	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0012795652	AHOLD 23.5B0C0919Z	EUR	22,0700	22,0800	22,0700			22,0800					
Certificate	NL0011656608	AHOLD 23.6TS OPENV	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0013002983	AHOLD 25.6TS OPENV	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CI3P357	AHOLD 26.5TS 0319Z	EUR	0,7700	0,7750	0,7700			0,7750					
Certificate	NL0013150881	AHOLD 27.5TS OPENV	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CI3QAU4	AHOLD 29.5TS 0319Z	EUR	1,3700	1,3750	1,3700			1,3750					
Certificate	NL0011044201	AHOLD 9.88TL OPENH	EUR	13,5900	13,6900	13,5900			13,6900					
Certificate	DE000CE6EH61	AHOLD11.67TL OPENC	EUR	2,2400	2,2400	2,2350			2,2350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011044193	AHOLD12.01TL OPENH	EUR	11,6100	11,7000	11,6100			11,7000					
Certificate	DE000CE6F2D1	AHOLD12.17TL OPENZ	EUR	2,1400	2,1400	2,1350			2,1350					
Certificate	DE000CE6DMK6	AHOLD12.68TL OPENZ	EUR	2,0400	2,0400	2,0350			2,0350					
Certificate	NL0011044185	AHOLD13.07TL OPENH	EUR	10,6200	10,7100	10,6200			10,7100					
Certificate	DE000CR4JDR7	AHOLD13.21TL OPENZ	EUR	4,5900	4,5900	4,5850			4,5850					
Certificate	NL0011442231	AHOLD13.44BL OPENB	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000CC5KCK6	AHOLD13.47TL OPENC	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000VL2FRN1	AHOLD13.59TL OPENV	EUR	9,6550	9,6550	9,6550			9,6550					
Certificate	DE000CR4H9M9	AHOLD13.69TL OPENZ	EUR	9,1700	9,1700	9,1600			9,1600					
Certificate	NL0011044177	AHOLD14.13TL OPENH	EUR	9,6300	9,7200	9,6300			9,7200					
Certificate	DE000CR4J5V6	AHOLD14.39TL OPENZ	EUR	8,4700	8,4700	8,4600			8,4600					
Certificate	DE000CR6XCT1	AHOLD14.46TL OPENZ	EUR	3,9900	3,9900	3,9850			3,9850					
Certificate	NL0011442249	AHOLD14.52BL OPENB	EUR	8,3800	8,3800	8,3000	628,5000	1		8,3000	75			
Certificate	LU1574195100	AHOLD14.88TCIOPENS	EUR	8,4500	8,4500	8,3600			8,3600					
Certificate	NL0012520340	AHOLD14.92TL OPENH	EUR	8,8900	8,9900	8,8900			8,9900					
Certificate	DE000CC8A2Y4	AHOLD14.97TL OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VL2FV38	AHOLD15.11TL OPENV	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	DE000CE6EYU8	AHOLD15.37TL OPENZ	EUR	1,5000	1,5000	1,4950			1,4950					
Certificate	DE000VL37ES4	AHOLD15.64TL OPENV	EUR	7,6150	7,6150	7,6150			7,6150					
Certificate	DE000CE6F4G0	AHOLD15.87TL OPENZ	EUR	1,4000	1,4000	1,3950			1,3950					
Certificate	NL0012509020	AHOLD16.07BL OPENB	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000VL37QV2	AHOLD16.14TL OPENV	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	DE000CJ3P3Q1	AHOLD16.25TL 0319Z	EUR	1,3400	1,3450	1,3400			1,3450					
Certificate	LU1650853457	AHOLD16.42TCIOPENS	EUR	6,9200	6,9200	6,8300			6,8300					
Certificate	DE000VL5RW48	AHOLD16.66TL OPENV	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	NL0012685390	AHOLD16.83BL OPENB	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000CV4VVR2	AHOLD16.87TL OPENZ	EUR	1,2000	1,2000	1,1950			1,1950					
Certificate	DE000VA6TXR5	AHOLD17.05TL OPENV	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	DE000VL7GE54	AHOLD17.21TL OPENV	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000VA64XA9	AHOLD17.65TL OPENV	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	DE000VL76NP9	AHOLD17.73TL OPENV	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000CV87RC4	AHOLD17.85TL OPENZ	EUR	1,0000	1,0000	0,9700	3776,8500	2	0,9950	3855				
Certificate	DE000VA6TXS3	AHOLD18.05TL OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VL8XJ51	AHOLD18.24TL OPENV	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	NL0012600886	AHOLD18.29TL OPENH	EUR	5,7600	5,8500	5,7600			5,8500					
Certificate	LU1817372987	AHOLD18.32TCIOPENS	EUR	4,7800	4,7800	4,7000			4,7000					
Certificate	NL0012779466	AHOLD18.36BL OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	LU1840350067	AHOLD18.64TCIOPENS	EUR	4,4700	4,4700	4,3800			4,3800					
Certificate	DE000VA6TXT1	AHOLD18.65TL OPENV	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000CJ3P3R9	AHOLD18.75TL 0319Z	EUR	0,8400	0,8400	0,8350			0,8350					
Certificate	DE000VL97TB2	AHOLD18.75TL OPENV	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	DE000CJ3N2Y9	AHOLD18.75TL OPENZ	EUR	0,8300	0,8300	0,8250			0,8250					
Certificate	NL0012904957	AHOLD18.78TL OPENH	EUR	5,3000	5,3900	5,3000			5,3900					
Certificate	DE000VA7TFM1	AHOLD18.87TL OPENV	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	LU1840980756	AHOLD18.97TCIOPENS	EUR	4,1600	4,1600	4,0700			4,0700					
Certificate	DE000VA71WX8	AHOLD19.07TL OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA71Z32	AHOLD19.27TL OPENV	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	DE000VA711B4	AHOLD19.47TL OPENV	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	LU1841153015	AHOLD19.58TCIOPENS	EUR	3,5700	3,5700	3,4800			3,4800					
Certificate	DE000CJ3PF88	AHOLD19.64TL OPENZ	EUR	0,6500	0,6500	0,6450			0,6450					
Certificate	DE000VA87K80	AHOLD19.68TL OPENV	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	NL0013127178	AHOLD19.78TL OPENH	EUR	4,3700	4,4700	4,3700			4,4700					
Certificate	NL0013149909	AHOLD19.86BL OPENB	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VA87LB3	AHOLD19.88TL OPENV	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	DE000VA9CVX7	AHOLD20.08TL OPENV	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CJ3P4W7	AHOLD20.25TL 0319Z	EUR	0,5400	0,5400	0,5350			0,5350					
Certificate	DE000VA9CVY5	AHOLD20.28TL OPENV	EUR	2,6700	2,6850	2,6700	133,5000	1	2,6850	50				
Certificate	DE000VA9CVZ2	AHOLD20.48TL OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0013149917	AHOLD20.61BL OPENB	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CJ3P1W3	AHOLD20.63TL OPENZ	EUR	0,4500	0,4500	0,4450			0,4450					
Certificate	DE000VA9CV11	AHOLD20.68TL OPENV	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000VA9CYD3	AHOLD20.89TL OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000VA9CYE1	AHOLD21.09TL OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000VA9CYF8	AHOLD21.29TL OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0013151509	AHOLD21.36BL OPENB	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000VA9CYH4	AHOLD21.49TL OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CJ3P7N9	AHOLD21.62TL OPENZ	EUR	0,2600	0,2600	0,2550			0,2550					
Certificate	DE000VA9CYL6	AHOLD21.69TL OPENV	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000VA9CYN2	AHOLD21.89TL OPENV	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000VA9CYQ5	AHOLD22.09TL OPENV	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0013151517	AHOLD22.11BL OPENB	EUR	0,8100	0,8200	0,7500	243,0000	1	0,7500	300				
Certificate	NL0013184575	AHOLD22.11TL OPENH	EUR	2,2100	2,3100	2,2100			2,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013184872	AHOLD23.11TS OPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000VA8ZF20	AHOLD23.34TS OPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CD62VH6	AHOLD23.63TS OPENZ	EUR	0,1800	0,1800	0,1750	2700,0000	2	0,1750	15000				
Certificate	DE000VA323A2	AHOLD23.89TS OPENV	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000VA9CVT5	AHOLD23.92TS OPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0011230982	AHOLD24.11TS OPENH	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000VA9CVU3	AHOLD24.12TS OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012780134	AHOLD24.18BS OPENB	EUR	1,6000	1,6600	1,5100	920,8000	2	1,6600	580				
Certificate	DE000VA9CVV1	AHOLD24.32TS OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000VA9CVW9	AHOLD24.52TS OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000VA4YXB4	AHOLD24.89TS OPENV	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000VA9CXW5	AHOLD24.92TS OPENV	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000VA9CXY1	AHOLD25.12TS OPENV	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000VA9CXZ8	AHOLD25.32TS OPENV	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000VA9CX19	AHOLD25.52TS OPENV	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000CV8A195	AHOLD25.63TS OPENZ	EUR	0,5700	0,5750	0,5700			0,5750					
Certificate	DE000VA9CX35	AHOLD25.72TS OPENV	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000VA9CX50	AHOLD25.92TS OPENV	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000VA9CX76	AHOLD26.12TS OPENV	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	NL0013015027	AHOLD26.18BS OPENB	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000VA9CX92	AHOLD26.32TS OPENV	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CJ3P9D6	AHOLD27.62TS OPENZ	EUR	0,9700	0,9750	0,9700			0,9700					
Certificate	NL0012933170	AHOLD28.02TS OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0013152283	AHOLD28.18BS OPENB	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CV42K73	AIRBU 45TL OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CV16KX8	AIRBU 60TL OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013154768	AIRBU 98TS OPENB	EUR	12,3050	12,3050	12,3050			12,3050					
Certificate	NL0013009855	AIRBU 103TS OPENB	EUR	17,7350	17,7350	17,7350			17,7350					
Certificate	NL0013007289	AIRBU 108TS OPENB	EUR	23,1050	23,1050	23,1050			23,1050					
Certificate	NL0009447648	AIRBU 8.7TL OPENB	EUR	85,5750	85,5750	85,5750			85,5750					
Certificate	NL0010379855	AIRBU 33.5TL OPENB	EUR	62,4650	62,4650	62,4650			62,4650					
Certificate	NL0010888640	AIRBU 35.1TL OPENB	EUR	60,9550	60,9550	60,9550			60,9550					
Certificate	NL0012103469	AIRBU 60.2TL OPENB	EUR	37,5950	37,5950	37,5950			37,5950					
Certificate	DE000CD644P7	AIRBU 61.3TL OPENZ	EUR	33,4550	33,4550	33,2350			33,2350					
Certificate	NL0012519441	AIRBU 71.1TL OPENH	EUR	27,4200	28,3700	27,4200			28,3700					
Certificate	NL0012497671	AIRBU 75.6TL OPENB	EUR	23,3050	23,3050	23,3050			23,3050					
Certificate	NL0012529127	AIRBU 79.2TL OPENH	EUR	19,8800	20,8300	19,8800			20,8300					
Certificate	NL0012689137	AIRBU 84.7TL OPENB	EUR	14,7850	14,7850	14,7850			14,7850					
Certificate	NL0012689491	AIRBU 87.8TL OPENB	EUR	11,9750	11,9750	11,9750			11,9750					
Certificate	NL0013014871	AIRBU100.4BS OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0013015498	AIRBU100.5TS OPENB	EUR	15,0150	15,0150	15,0150			15,0150					
Certificate	NL0013086044	AIRBU100.5TS OPENH	EUR	14,9100	14,9100	14,3800			14,3800					
Certificate	NL0013009863	AIRBU105.5TS OPENB	EUR	20,4250	20,4250	20,4250			20,4250					
Certificate	NL0012977763	AIRBU110.3BS OPENB	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012582118	AIRBU112.3TS OPENH	EUR	27,6200	27,6200	27,1600			27,1600					
Certificate	NL0012529283	AIRBU126.6TS OPENH	EUR	43,1700	43,1700	42,6400			42,6400					
Certificate	NL0012555395	AIRBU139.4TS OPENH	EUR	56,9300	56,9300	56,4000			56,4000					
Certificate	NL0012582472	AIRBU151.6TS OPENH	EUR	70,1300	70,1300	69,6000			69,6000					
Certificate	NL0011412838	AIRBU21.35TL OPENH	EUR	73,7500	74,7000	73,7500			74,7000					
Certificate	NL0011412796	AIRBU46.58TL OPENH	EUR	50,2600	51,2100	50,2600			51,2100					
Certificate	NL0011993456	AIRBU52.99TL OPENH	EUR	44,2900	45,2400	44,2900			45,2400					
Certificate	DE000CD63PK0	AIRBU55.17TL OPENZ	EUR	39,5800	39,5800	39,3600			39,3600					
Certificate	NL0012051692	AIRBU58.93TL OPENH	EUR	38,7600	39,7100	38,7600			39,7100					
Certificate	NL0012175020	AIRBU63.44TL OPENH	EUR	34,5600	35,5100	34,5600			35,5100					
Certificate	NL0012211346	AIRBU67.07TL OPENH	EUR	31,1800	32,1300	31,1800			32,1300					
Certificate	DE000CE6BS46	AIRBU67.29TL OPENZ	EUR	5,4900	5,4900	5,4500			5,4500					
Certificate	NL0012520704	AIRBU75.15TL OPENH	EUR	23,6500	24,6000	23,6500			24,6000					
Certificate	DE000CE6EXR6	AIRBU76.25TL OPENZ	EUR	3,7050	3,7050	3,6700			3,6700					
Certificate	NL0013155237	AIRBU76.74BL OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0013008618	AIRBU81.75BL OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012578546	AIRBU83.21TL OPENH	EUR	16,1500	17,1000	16,1500			17,1000					
Certificate	DE000CV87FF2	AIRBU86.19TL OPENZ	EUR	1,7450	1,7450	1,7000			1,7000					
Certificate	NL0012977482	AIRBU86.77BL OPENB	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0012578538	AIRBU87.25TL OPENH	EUR	12,3900	13,3400	12,3900			13,3400					
Certificate	NL0012795967	AIRFR LEVOPENZ	EUR	66,7000	66,7000	57,5800			57,5800					
Certificate	NL0012796007	AIRFR SHROPENZ	EUR	15,5200	17,6300	15,5200			17,6300					
Certificate	DE000CV0AYK6	AIRFR 5TL OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	LU1756859010	AIRFR 6TCIOPENS	EUR	4,0600	4,0600	3,8400			3,8400					
Certificate	DE000VA3ZUR5	AIRFR 6TL 1218V	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CQ5AS42	AIRFR 6TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CQ5AU48	AIRFR 6TL OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000VA7PUC9	AIRFR 7TL 0319V	EUR	3,0400	3,0400	3,0400			3,0400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA32328	AIRFR 7TL 1218V	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012978233	AIRFR 7TL OPENB	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CP06287	AIRFR 7TL OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CQ58HE1	AIRFR 7TL OPENC	EUR											
Certificate	DE000VA8FYL1	AIRFR 8TL 0319V	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VA8FYK3	AIRFR 8TL 1218V	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	LU1876929032	AIRFR 9TCIOPENS	EUR	1,1500	1,1500	0,9300			0,9300					
Certificate	DE000VA87JL6	AIRFR 9TL 0319V	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000VA87JF8	AIRFR 9TL 1218V	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013148034	AIRFR 9TL OPENB	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP23201	AIRFR 9TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CP234A5	AIRFR 9TL OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012796817	AIRFR 10BOC09192	EUR	9,4600	9,4600	9,4300			9,4300					
Certificate	LU1876929206	AIRFR 10TCIOPENS	EUR											
Certificate	DE000VA90WA6	AIRFR 10TL 0319V	EUR											
Certificate	DE000VA9C5M3	AIRFR 10TS 0319V	EUR											
Certificate	NL0013154750	AIRFR 10TS OPENB	EUR											
Certificate	DE000CP234B3	AIRFR 10TS OPENC	EUR											
Certificate	DE000VA87J87	AIRFR 11TS 0319V	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CP23219	AIRFR 11TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CQ5A578	AIRFR 11TS OPENC	EUR	0,6300	0,6700	0,6200	107,1000	1	0,6700	170				
Certificate	LU1876933653	AIRFR 12TCIOPENS	EUR	2,0600	2,2700	2,0600			2,2700					
Certificate	DE000VA9C0P7	AIRFR 12TS 0319V	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CP234C1	AIRFR 12TS OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	LU1876933737	AIRFR 13TCIOPENS	EUR	3,0400	3,2600	3,0400			3,2600					
Certificate	LU1876933810	AIRFR 14TCIOPENS	EUR	4,0400	4,2600	4,0400			4,2600					
Certificate	LU1876933901	AIRFR 15TCIOPENS	EUR	5,0400	5,2600	5,0400			5,2600					
Certificate	DE000CY50L53	AIRFR 16TS OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0009998012	AIRFR 2.9TL OPENB	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0011240825	AIRFR 3.6TL OPENH	EUR	6,7200	6,7200	6,5400			6,5400					
Certificate	NL0010133435	AIRFR 4.4TL OPENB	EUR	5,9200	5,9200	5,7800	2368,0000	1	5,7800	400				
Certificate	NL0011240817	AIRFR 4.5TL OPENH	EUR	5,9300	5,9300	5,7600			5,7600					
Certificate	NL0011919006	AIRFR 4.6TL OPENB	EUR	5,8600	5,8600	5,6200			5,6200					
Certificate	DE000CX596P5	AIRFR 4.6TL OPENC	EUR	4,7800	4,7800	4,7100	4,7800	1	4,7100	1				
Certificate	DE000VA32UN4	AIRFR 5.6TL 1218V	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012111785	AIRFR 5.6TL OPENB	EUR	4,7200	4,7200	4,6600	1414,0000	2	4,6600	300				
Certificate	DE000VA32UP9	AIRFR 5.8TL 1218V	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VA32UT1	AIRFR 6.2TL 1218V	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012175061	AIRFR 6.3TL OPENH	EUR	4,2200	4,2200	4,0500			4,0500					
Certificate	DE000VA71PN3	AIRFR 6.4TL 0319V	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000VA32UV7	AIRFR 6.4TL 1218V	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CQ5AYL3	AIRFR 6.5TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012175053	AIRFR 6.5TL OPENH	EUR	4,0300	4,0300	3,8600			3,8600					
Certificate	DE000VA71WQ2	AIRFR 6.6TL 0319V	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000VA32UX3	AIRFR 6.6TL 1218V	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VA15R82	AIRFR 6.6TL OPENV	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000VA8FVV6	AIRFR 6.8TL 0319V	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA32UZ8	AIRFR 6.8TL 1218V	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0012926000	AIRFR 6.8TL OPENH	EUR	3,7900	3,7900	3,6100			3,6100					
Certificate	NL0012927404	AIRFR 7.1TL OPENH	EUR	3,5100	3,5100	3,3400			3,3400					
Certificate	DE000VA71WR0	AIRFR 7.2TL 0319V	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VA4YXE8	AIRFR 7.2TL 1218V	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0012932776	AIRFR 7.3TL OPENH	EUR	3,3300	3,3300	3,1500			3,1500					
Certificate	DE000VA4YX59	AIRFR 7.4TL 1218V	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012985915	AIRFR 7.4TL OPENB	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VA7PUD7	AIRFR 7.5TL 0319V	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CP06057	AIRFR 7.5TL OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012933766	AIRFR 7.5TL OPENH	EUR	3,1400	3,1400	2,9700			2,9700					
Certificate	DE000CQ5BD50	AIRFR 7.5TS OPENC	EUR											
Certificate	DE000VA4YX75	AIRFR 7.6TL 1218V	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012933758	AIRFR 7.7TL OPENH	EUR	2,9500	2,9500	2,7800	280,0000	1	2,7800	100				
Certificate	NL0013012131	AIRFR 7.8TL OPENB	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013017015	AIRFR 8.1TL OPENB	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0013145691	AIRFR 8.4TL OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VA87JJ0	AIRFR 8.5TL 0319V	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000VA87JD3	AIRFR 8.5TL 1218V	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CQ5BYN7	AIRFR 8.5TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CQ5AU55	AIRFR 8.5TS OPENC	EUR											
Certificate	NL0013148026	AIRFR 8.7TL OPENB	EUR	1,9100	1,9400	1,8200	955,0000	1	1,8200	500				
Certificate	NL0013156458	AIRFR 9.3TL OPENB	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0012796429	AIRFR 9.5BOC09192	EUR	9,1400	9,1400	9,1200			9,1200					
Certificate	LU1876929115	AIRFR 9.5TCIOPENS	EUR	0,6500	0,6500	0,4400			0,4400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA90SF3	AIRFR 9.5TL 0319V	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013157043	AIRFR 9.6TL OPENB	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012795504	AIRFR 9.8BOC0619Z	EUR	9,4500	9,4500	9,4000			9,4000					
Certificate	NL0013157340	AIRFR 9.9TL OPENB	EUR											
Certificate	NL0012796437	AIRFR 10.1BOC1219Z	EUR	9,3600	9,3600	9,2900			9,2900					
Certificate	NL0012795512	AIRFR 10.5BOC0919Z	EUR	9,7400	9,7400	9,6900			9,6900					
Certificate	DE000VA87H77	AIRFR 10.5TS 0319V	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000VASRKM9	AIRFR 10.5TS 1218V	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012689681	AIRFR 10.5TS OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012580542	AIRFR 10.8TS OPENH	EUR	1,6200	1,8200	1,6200			1,8200					
Certificate	LU1876933570	AIRFR 11.5TPIOPENS	EUR	1,5700	1,7800	1,5700			1,7800					
Certificate	DE000VA9CON2	AIRFR 11.5TS 0319V	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0012580534	AIRFR 11.7TS OPENH	EUR	2,6800	2,8800	2,6800			2,8800					
Certificate	DE000CV523W4	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CV524K7	AIRFR 12.5TS OPENC	EUR											
Certificate	NL0012559637	AIRFR 12.7TS OPENH	EUR	3,7100	3,9200	3,7100			3,9200					
Certificate	NL0012560916	AIRFR 13.5TS OPENH	EUR	4,5600	4,7700	4,5600			4,7700					
Certificate	NL0012367817	AIRFR 14.5TS OPENH	EUR	5,6200	5,8300	5,6200			5,8300					
Certificate	NL0012274724	AIRFR 14.6TS OPENB	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL001231961	AIRFR 15.5TS OPENH	EUR	6,7600	6,9600	6,7600			6,9600					
Certificate	NL0006273211	AIRFR 16.6TS OPENB	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012516918	AIRFR 17.6TS OPENH	EUR	9,0400	9,2500	9,0400			9,2500					
Certificate	NL0012536411	AIRFR 17.7TS OPENH	EUR	9,1100	9,3200	9,1100			9,3200					
Certificate	DE000CD625T7	AIRFR 4.12TL OPENZ	EUR	6,2650	6,2650	5,9800			5,9800					
Certificate	DE000CV89F42	AIRFR 5.26TL OPENZ	EUR	5,1750	5,1750	4,9000			4,9000					
Certificate	DE000VA274U7	AIRFR 5.61TL OPENV	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV88N50	AIRFR 5.79TL OPENZ	EUR	4,6650	4,6650	4,3900			4,3900					
Certificate	DE000VA12DB9	AIRFR 6.11TL OPENV	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CX0JEZ8	AIRFR 6.25TL OPENC	EUR											
Certificate	DE000CO5AYK5	AIRFR 6.25TL OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CE6BNL6	AIRFR 6.32TL OPENZ	EUR	4,1650	4,1650	3,8800			3,8800					
Certificate	LU1790007766	AIRFR 6.44TCIOPENS	EUR	3,6300	3,6300	3,4100			3,4100					
Certificate	LU1790007923	AIRFR 6.67TCIOPENS	EUR	3,3900	3,3900	3,1800			3,1800					
Certificate	NL0012114334	AIRFR 6.72BL OPENB	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	DE000CV89WC0	AIRFR 6.84TL OPENZ	EUR	3,6650	3,6650	3,3900			3,3900					
Certificate	DE000CV89W25	AIRFR 6.94TL OPENZ	EUR	3,2550	3,2550	2,9800			2,9800					
Certificate	DE000VA3TK11	AIRFR 7.07TS OPENV	EUR											
Certificate	LU1790494907	AIRFR 7.08TCIOPENS	EUR	3,0000	3,0000	2,7800			2,7800					
Certificate	DE000VA4YS23	AIRFR 7.14TL OPENV	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CV8AHG5	AIRFR 7.37TL OPENZ	EUR	3,1650	3,1650	2,8900			2,8900					
Certificate	LU1790584301	AIRFR 7.46TCIOPENS	EUR	2,6200	2,6200	2,4100			2,4100					
Certificate	DE000VA3TEL5	AIRFR 7.57TS OPENV	EUR											
Certificate	LU1790584566	AIRFR 7.63TCIOPENS	EUR	2,4500	2,4500	2,2400			2,2400					
Certificate	DE000VA4YYG1	AIRFR 7.64TL OPENV	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CJ3PKK6	AIRFR 7.97TL OPENZ	EUR	2,5850	2,5850	2,3100			2,3100					
Certificate	LU1859911569	AIRFR 8.21TCIOPENS	EUR	1,9100	1,9100	1,7000			1,7000					
Certificate	LU1859911643	AIRFR 8.36TCIOPENS	EUR	1,7600	1,7600	1,5500			1,5500					
Certificate	DE000CJ3PV54	AIRFR 8.57TL OPENZ	EUR	2,0050	2,0050	1,7200			1,7200					
Certificate	LU1859913425	AIRFR 8.69TCIOPENS	EUR	1,4400	1,4400	1,2300			1,2300					
Certificate	DE000CJ3QHA1	AIRFR 9.27TL OPENZ	EUR	1,3450	1,3450	1,0700			1,0700					
Certificate	DE000VA90SW8	AIRFR 9.36TL OPENV	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0013155930	AIRFR 9.48BL OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000VA90SX6	AIRFR 9.56TL OPENV	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000VA9C3J4	AIRFR10.21TS OPENV	EUR											
Certificate	DE000VA6EFA0	AIRFR10.47TS OPENV	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013000433	AIRFR10.48BS OPENB	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000VA5EMV4	AIRFR10.51TS OPENV	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CV8AJ65	AIRFR10.66TS OPENZ	EUR	0,5650	0,8400	0,5650			0,8400					
Certificate	LU1840348590	AIRFR10.88TPIOPENS	EUR	0,9200	1,1300	0,9200			1,1300					
Certificate	DE000VL8XMG6	AIRFR10.96TS OPENV	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0013147523	AIRFR10.98BS OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CJ3NV49	AIRFR11.04TS OPENZ	EUR	1,4850	1,7600	1,4850			1,7600					
Certificate	DE000VA6EFC6	AIRFR11.07TS OPENV	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000VASRKJ5	AIRFR11.31TS OPENV	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013149446	AIRFR11.48BS OPENB	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000VA87KE9	AIRFR11.53TS OPENV	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CV8B1S7	AIRFR11.66TS OPENZ	EUR	1,5450	1,8200	1,5450	151,2000	1	1,8200	90				
Certificate	NL0013110653	AIRFR11.75BOC0919Z	EUR	10,3300	10,3300	10,1800			10,1800					
Certificate	DE000VA9CUH2	AIRFR11.92TS OPENV	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0013153026	AIRFR11.98BS OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000VA9C2S7	AIRFR12.21TS OPENV	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000VA9CY34	AIRFR12.41TS OPENV	EUR	2,6300	2,6300	2,6300			2,6300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QBQ0	AIRFR12.54TS OPENZ	EUR	3,0350	3,3100	3,0350			3,3100					
Certificate	DE000VA9C0Z6	AIRFR12.61TS OPENV	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CJ3QAE8	AIRFR12.65TS OPENZ	EUR	2,5350	2,8100	2,5350			2,8100					
Certificate	DE000CV89BQ4	AIRFR4.429TL OPENZ	EUR	5,7650	5,7650	5,4900			5,4900					
Certificate	DE000CV88GP7	AIRFR5.444TL OPENZ	EUR	4,7550	4,7550	4,3900	2306,9500	3	4,4700	510				
Certificate	DE000CV893X2	AIRFR5.939TL OPENZ	EUR	4,2550	4,2550	3,9800			3,9800					
Certificate	NL0012970420	AIRFR5.9588L OPENB	EUR	4,1900	4,1900	4,0050	419,0000	1	4,0050	100				
Certificate	NL0012787287	AIRFR6.2128L OPENB	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	DE000VA71WM1	AIRFR6.236TL OPENV	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VA15R33	AIRFR6.432TL OPENV	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CV87XY6	AIRFR6.442TL OPENZ	EUR	3,7550	3,7550	3,4800	288,0000	1	3,4800	80				
Certificate	NL0012787295	AIRFR6.4668L OPENB	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000VA71RQ2	AIRFR6.735TL OPENV	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012977185	AIRFR6.9728L OPENB	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	DE000VA32344	AIRFR6.975TL OPENV	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CN6G2A7	AIRFR7.033TS OPENZ	EUR											
Certificate	NL0012984223	AIRFR7.2248L OPENB	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000VAGEFG7	AIRFR7.319TL OPENV	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CV8AHA8	AIRFR7.434TL OPENZ	EUR	2,7650	2,7650	2,4900			2,4900					
Certificate	NL0012985766	AIRFR7.4768L OPENB	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA4YYJ5	AIRFR7.488TL OPENV	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012986129	AIRFR7.7288L OPENB	EUR	2,3500	2,3500	2,2350	940,0000	1	2,2350	400				
Certificate	DE000VA71RR0	AIRFR7.735TL OPENZ	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CJ3PK40	AIRFR7.935TL OPENZ	EUR	2,2750	2,2750	2,0000	1025,0000	1	2,0000	500				
Certificate	DE000VA8FY73	AIRFR7.941TL OPENV	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013017510	AIRFR7.9788L OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000VA87KL4	AIRFR8.147TL OPENV	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000VA87FV3	AIRFR8.447TL OPENV	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CJ3PUR0	AIRFR8.477TL OPENZ	EUR	1,7350	1,7350	1,4600			1,4600					
Certificate	NL0013146970	AIRFR8.4798L OPENB	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0013146988	AIRFR8.7298L OPENB	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000VA87KN0	AIRFR8.747TL OPENV	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000VA87FX9	AIRFR8.947TL OPENV	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0013146996	AIRFR8.9798L OPENB	EUR	0,9600	0,9850	0,9550	288,0000	1	0,9850	300				
Certificate	DE000CJ3PXU8	AIRFR9.025TL OPENZ	EUR	1,1950	1,1950	0,9200	2444,8000	5	0,9200	2540				
Certificate	DE000VA87KQ3	AIRFR9.147TL OPENV	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0013149404	AIRFR9.2298L OPENB	EUR	0,8800	0,8800	0,7350	220,0000	1	0,7350	250				
Certificate	DE000CJ3QJ91	AIRFR9.621TL OPENZ	EUR	0,6150	0,6150	0,3400			0,3400					
Certificate	NL0013156953	AIRFR9.7288L OPENB	EUR	0,3900	0,3900	0,1900	3816,0000	5	0,2350	14200				
Certificate	DE000VA90VN1	AIRFR9.761TL OPENV	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000VA90W24	AIRFR9.961TL OPENV	EUR											
Certificate	NL0013155328	AIRFR9.9838S OPENB	EUR											
Certificate	NL0012038681	AIRLQ .86TL OPENB	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0010888590	AIRLQ 71.9TL OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	NL0012030258	AIRLQ 80.4TL OPENB	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	NL0012524524	AIRLQ115.1TS OPENH	EUR	1,9400	2,0100	1,9400			2,0100					
Certificate	NL0012539209	AIRLQ115.6TS OPENH	EUR	1,9800	2,0500	1,9800			2,0500					
Certificate	NL0012596373	AIRLQ123.9TS OPENH	EUR	2,8800	2,9500	2,8800			2,9500					
Certificate	NL0011599030	AIRLQ70.34TL OPENH	EUR	4,3500	4,3500	4,3100			4,3100					
Certificate	DE000CR9RPS1	AIRLQ74.17TL OPENZ	EUR	3,1400	3,1400	3,0600			3,0600					
Certificate	NL0011988605	AIRLQ79.72TL OPENH	EUR	3,3800	3,3800	3,3400			3,3400					
Certificate	DE000CD64235	AIRLQ85.07TL OPENZ	EUR	2,0600	2,0600	1,9700			1,9700					
Certificate	NL0012572473	AIRLQ86.77TL OPENH	EUR	2,4200	2,4200	2,3800			2,3800					
Certificate	NL0012572465	AIRLQ90.82TL OPENH	EUR	2,0400	2,0400	2,0100			2,0100					
Certificate	NL0012572457	AIRLQ92.85TL OPENH	EUR	1,8500	1,8500	1,8200			1,8200					
Certificate	NL0012572440	AIRLQ94.86TL OPENH	EUR	1,6700	1,6700	1,6300			1,6300					
Certificate	DE000CV87HP7	AIRLQ94.99TL OPENZ	EUR	1,0700	1,0700	0,9800			0,9800					
Certificate	NL0013002793	AIXG 6.27TL OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013002801	AIXG 7.28TL OPENB	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CJ3PLY5	AIXG 7.58TL OPENZ	EUR	0,4200	0,4800	0,4200			0,4800					
Certificate	NL0013019037	AIXG 8.27TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013157357	AIXG 9.27TL OPENB	EUR											
Certificate	NL0013152630	AIXG 9.96TS OPENB	EUR											
Certificate	NL0013149651	AIXG 11.96TS OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013146103	AIXG 13.95TS OPENB	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0013148661	AIXG 15.95TS OPENB	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CJ3PK57	AIXG 6.079TL OPENZ	EUR	0,7200	0,7800	0,7200			0,7800					
Certificate	DE000CV89NY3	AIXG 6.783TL OPENZ	EUR	0,5800	0,6400	0,5800			0,6400					
Certificate	DE000CJ3QGE5	AIXG 8.374TL OPENZ	EUR	0,2700	0,3200	0,2700			0,3200					
Certificate	DE000CP234D9	AKZO .55TL OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CP06W31	AKZO .60TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CQ5AK16	AKZO .60TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5AAX8	AKZO 65TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012201107	AKZO 65TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CQ5A3F4	AKZO 68TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CQ5A3G2	AKZO 70TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CQ5AAY6	AKZO 70TL OPENC	EUR	0,7100	0,8200	0,7100	497,0000	1	0,8200	700				
Certificate	DE000CQ5A3H0	AKZO 72TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CQ5B279	AKZO 75TL OPENC	EUR											
Certificate	DE000CP234E7	AKZO 75TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP06W56	AKZO 80TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CP06Z95	AKZO 80TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012796098	AKZO 84BON1219Z	EUR	73,9800	74,8400	73,9800			74,8400					
Certificate	NL0012987234	AKZO 86B0C0619B	EUR	76,0000	76,0000	76,0000			76,0000					
Certificate	NL0012795660	AKZO 89B0C0619Z	EUR	72,6800	73,6500	72,6800			73,6500					
Certificate	DE000CQ5AB25	AKZO 90TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CQ5A3J6	AKZO 90TS OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012213987	AKZO 90TS OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012648950	AKZO 92B0C0619Z	EUR	79,8900	80,9500	79,8900			80,9500					
Certificate	DE000CQ5A3K4	AKZO 95TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CP06271	AKZO 95TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CQ5AB33	AKZO 95TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CQ5A3L2	AKZO 100TS OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0013155336	AKZO 75.BS OPENB	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0010253282	AKZO 31.8TL OPENB	EUR	43,3550	43,3550	43,3550			43,3550					
Certificate	NL0011044706	AKZO 37.1TL OPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0010893459	AKZO 39.7TL OPENB	EUR	36,0650	36,0650	36,0650			36,0650					
Certificate	NL0011656632	AKZO 43.9TL OPENB	EUR	32,1450	32,1450	32,1450			32,1450					
Certificate	NL0011720404	AKZO 46.3TL OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CN6JXE2	AKZO 47.1TL OPENZ	EUR	25,7300	26,4600	25,7300			26,4600					
Certificate	NL0011926670	AKZO 48.5TL OPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012040661	AKZO 50.1TL OPENB	EUR	26,3650	26,3650	26,3650			26,3650					
Certificate	NL0011992060	AKZO 50.5TL OPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012106298	AKZO 52.1TL OPENB	EUR	24,4550	24,4550	24,4550			24,4550					
Certificate	NL0012050959	AKZO 52.5TL OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012171599	AKZO 56.4TL OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0011993464	AKZO 57.4TL OPENH	EUR											
Certificate	NL0012116123	AKZO 58.3TL OPENB	EUR	18,7250	18,7250	18,7250			18,7250					
Certificate	NL0012116362	AKZO 59.2BL OPENB	EUR	14,4150	14,4150	14,4150			14,4150					
Certificate	NL0012116131	AKZO 60.3TL OPENB	EUR	16,8250	16,8250	16,8250			16,8250					
Certificate	NL0012201115	AKZO 61.1TL OPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012116149	AKZO 62.4TL OPENB	EUR	14,9050	14,9050	14,9050			14,9050					
Certificate	NL0012116610	AKZO 64.5TL OPENB	EUR	13,0050	13,0050	13,0050			13,0050					
Certificate	NL0012542872	AKZO 65.9TL OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012271381	AKZO 66.5TL OPENB	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	NL0012201099	AKZO 66.9TL OPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012542864	AKZO 67.8TL OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012494884	AKZO 68.5TL OPENB	EUR	9,2250	9,2250	9,2250			9,2250					
Certificate	NL0012371025	AKZO 68.8TL OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000VA7TDQ7	AKZO 69.5TL OPENV	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0012542856	AKZO 69.7TL OPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012676290	AKZO 70.5TL OPENB	EUR	7,3350	7,3350	7,3350			7,3350					
Certificate	NL0013085319	AKZO 76.3TS OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013015506	AKZO 76.5TS OPENB	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	NL0013009871	AKZO 79.5TS OPENB	EUR	13,0650	13,0650	13,0650			13,0650					
Certificate	NL0013013394	AKZO 80.6BS OPENB	EUR	8,3250	8,3250	8,3250			8,3250					
Certificate	NL0012792980	AKZO 81.1B0C1218B	EUR	80,1000	80,1000	80,1000			80,1000					
Certificate	NL0012904981	AKZO 81.1TS OPENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013007925	AKZO 82.5TS OPENB	EUR	16,2850	16,2850	16,2850			16,2850					
Certificate	NL0012583777	AKZO 84.4TS OPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012987366	AKZO 85.4TS OPENB	EUR	19,4450	19,4450	19,4450			19,4450					
Certificate	NL0012584411	AKZO 88.3TS OPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012580567	AKZO 88.4TS OPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000VL76KL4	AKZO 90.7TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	NL0012583769	AKZO 100.1TS OPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CV8ANP4	AKZO 102.7TS OPENZ	EUR	6,0400	6,0400	5,9000			5,9000					
Certificate	NL0011643697	AKZO 37.96BL OPENB	EUR	35,6450	35,6450	35,6450			35,6450					
Certificate	NL0011534862	AKZO 42.28BL OPENB	EUR	31,3350	31,3350	31,3350			31,3350					
Certificate	DE000CD61W94	AKZO 50.06TL OPENZ	EUR	22,7800	23,5150	22,7800			23,5150					
Certificate	NL0011911532	AKZO 50.82BL OPENB	EUR	22,7850	22,7850	22,7850			22,7850					
Certificate	DE000CX59XK0	AKZO 51.19TL OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CD64EH8	AKZO 54.02TL OPENZ	EUR	3,7650	3,9100	3,7650			3,9100					
Certificate	NL0012106405	AKZO 55.02BL OPENB	EUR	18,5950	18,5950	18,5950			18,5950					
Certificate	DE000CE6DHD1	AKZO 58.96TL OPENZ	EUR	2,7750	2,9300	2,7750			2,9300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012116370	AKZO 61.298L OPENB	EUR	12,3150	12,3150	12,3150			12,3150					
Certificate	NL0012116388	AKZO 63.388L OPENB	EUR	10,2250	10,2250	10,2250			10,2250					
Certificate	DE000CE6DHE9	AKZO 63.95TL OPENZ	EUR	1,7850	1,9300	1,7850				1,9300				
Certificate	DE000VL61LG4	AKZO 64.56TL OPENV	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000VA8FT96	AKZO 65.18TL OPENV	EUR	1,1350	1,1350	1,1350				1,1350				
Certificate	DE000CY16EV5	AKZO 65.36TL OPENC	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	NL0012116396	AKZO 65.478L OPENB	EUR	8,1350	8,1350	8,1350				8,1350				
Certificate	DE000VL61LH2	AKZO 66.56TL OPENV	EUR	0,8150	0,8150	0,8150				0,8150				
Certificate	DE000CY16FK5	AKZO 66.61TL OPENC	EUR	1,3600	1,3600	1,3600				1,3600				
Certificate	LU1840980244	AKZO 66.76TCIOPENS	EUR	6,5100	6,9200	6,5100				6,9200				
Certificate	DE000VA7THH7	AKZO 67.49TL OPENV	EUR	0,9450	0,9450	0,9450				0,9450				
Certificate	NL0012117170	AKZO 67.568L OPENB	EUR	5,9950	5,9950	5,9950				5,9950				
Certificate	DE000VL61LJ8	AKZO 68.56TL OPENV	EUR	0,6150	0,6150	0,6150				0,6150				
Certificate	DE000CE6DHF6	AKZO 68.94TL OPENZ	EUR	0,8050	0,9500	0,8050				0,9500				
Certificate	NL0012279830	AKZO 69.638L OPENB	EUR	4,1350	4,1350	4,1350				4,1350				
Certificate	LU1756822281	AKZO 70.49TCIOPENS	EUR	3,7900	4,2000	3,7900				4,2000				
Certificate	DE000VL61LK6	AKZO 70.56TL OPENV	EUR	0,4150	0,4150	0,4150				0,4150				
Certificate	DE000VA90V41	AKZO 71.24TL OPENV	EUR	0,5750	0,5750	0,5750				0,5750				
Certificate	DE000VA3TJL4	AKZO 73.22TL OPENV	EUR											
Certificate	DE000VA9C4H6	AKZO 74.34TS OPENV	EUR	0,5350	0,5350	0,5350				0,5350				
Certificate	LU1573750244	AKZO 75.17TCIOPENS	EUR	2,6900	3,1100	2,6900				3,1100				
Certificate	DE000VA710M3	AKZO 76.41TS OPENV	EUR	0,7250	0,7250	0,7250				0,7250				
Certificate	LU1840978933	AKZO 77.89TCIOPENS	EUR	5,7800	5,7800	5,7800				5,7800				
Certificate	NL0013013535	AKZO 77.998S OPENB	EUR	5,7050	5,7050	5,7050				5,7050				
Certificate	DE000VA7TET9	AKZO 78.41TS OPENV	EUR	0,8950	0,8950	0,8950				0,8950				
Certificate	DE000VA7TDP9	AKZO 80.41TS OPENV	EUR	1,0950	1,0950	1,0950				1,0950				
Certificate	LU1840911272	AKZO 81.48TCIOPENS	EUR	9,1600	9,1600	8,7600				8,7600				
Certificate	DE000VA6T2Y9	AKZO 82.44TS OPENV	EUR	1,3050	1,3050	1,3050				1,3050				
Certificate	DE000CE6DN72	AKZO 82.76TS OPENZ	EUR	2,0650	2,0650	1,9200				1,9200				
Certificate	NL0012648406	AKZO 83.358OC619Z	EUR	84,6900	85,1250	84,6900				85,1250				
Certificate	NL0012690390	AKZO 83.588S OPENB	EUR	11,3050	11,3050	11,3050				11,3050				
Certificate	DE000VA6T1T1	AKZO 84.44TS OPENV	EUR	1,5150	1,5150	1,5150				1,5150				
Certificate	LU1790692377	AKZO 85.32TCIOPENS	EUR	12,4200	12,4200	12,0100				12,0100				
Certificate	DE000VA6T1U9	AKZO 86.44TS OPENV	EUR	1,7250	1,7250	1,7250				1,7250				
Certificate	NL0012984322	AKZO 86.568S OPENB	EUR	14,2750	14,2750	14,2750				14,2750				
Certificate	DE000VL76EX2	AKZO 86.76TS OPENV	EUR	1,0050	1,0050	1,0050				1,0050				
Certificate	LU1840348673	AKZO 87.75TCIOPENS	EUR	15,0900	15,0900	14,6700				14,6700				
Certificate	DE000VA6T1V7	AKZO 88.44TS OPENV	EUR	1,9350	1,9350	1,9350				1,9350				
Certificate	DE000VL76EY0	AKZO 88.76TS OPENV	EUR	1,1950	1,1950	1,1950				1,1950				
Certificate	DE000VA6T1W5	AKZO 90.44TS OPENV	EUR	2,1450	2,1450	2,1450				2,1450				
Certificate	DE000VA4Y0Z5	AKZO 91.86TS OPENV	EUR	1,8050	1,8050	1,8050				1,8050				
Certificate	DE000VL8XHY9	AKZO 92.58TS OPENV	EUR	1,5950	1,5950	1,5950				1,5950				
Certificate	DE000CV87598	AKZO 92.74TS OPENZ	EUR	4,0450	4,0450	3,9000				3,9000				
Certificate	DE000CJ3P5S2	ALGN 144.6TL OPENZ	EUR	1,3650	1,5450	1,3650				1,5450				
Certificate	DE000CJ3PMJ4	ALGN 174.6TL OPENZ	EUR	0,8350	1,0150	0,8350				1,0150				
Certificate	NL0010657888	ALLIA 89TL OPENB	EUR	10,6650	10,6650	10,6650				10,6650				
Certificate	NL0011979687	ALLIA 120TL OPENH	EUR	7,8200	7,8500	7,8200				7,8500				
Certificate	NL0012981740	ALLIA 175TL OPENB	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	NL0010381430	ALLIA 77.8TL OPENB	EUR	11,7150	11,7150	11,7150				11,7150				
Certificate	NL0011054150	ALLIA 92.2TL OPENH	EUR	10,4200	10,4500	10,4200				10,4500				
Certificate	NL0010894275	ALLIA 96.7TL OPENB	EUR	9,9550	9,9550	9,9550				9,9550				
Certificate	NL0011895669	ALLIA102.5TL OPENH	EUR	9,4500	9,4900	9,4500				9,4900				
Certificate	NL0010907051	ALLIA102.7TL OPENB	EUR	9,3950	9,3950	9,3950				9,3950				
Certificate	NL0011054143	ALLIA109.2TL OPENH	EUR	8,8300	8,8600	8,8300				8,8600				
Certificate	NL0011934575	ALLIA112.9TL OPENH	EUR	8,4800	8,5100	8,4800				8,5100				
Certificate	DE000CD624U9	ALLIA118.9TL OPENZ	EUR	7,2200	7,2200	7,1800				7,1800				
Certificate	NL0011989314	ALLIA125.1TL OPENH	EUR	7,3400	7,3700	7,3400				7,3700				
Certificate	NL0012030274	ALLIA127.9TL OPENB	EUR	7,0450	7,0450	7,0450				7,0450				
Certificate	NL0012033328	ALLIA135.2TL OPENB	EUR	6,3650	6,3650	6,3650				6,3650				
Certificate	NL0011993514	ALLIA135.4TL OPENH	EUR	6,3800	6,4100	6,3800				6,4100				
Certificate	DE000CD63LE2	ALLIA135.7TL OPENZ	EUR	5,5400	5,5400	5,4900				5,4900				
Certificate	NL0012057418	ALLIA140.4TL OPENH	EUR	5,9100	5,9400	5,9100				5,9400				
Certificate	NL0012103477	ALLIA142.6TL OPENB	EUR	5,6850	5,6850	5,6850				5,6850				
Certificate	NL0012175087	ALLIA150.6TL OPENH	EUR	4,9500	4,9800	4,9500				4,9800				
Certificate	DE000CE6BW57	ALLIA153.6TL OPENZ	EUR	3,7500	3,7500	3,7100				3,7100				
Certificate	NL0012214043	ALLIA159.8TL OPENH	EUR	4,1000	4,1300	4,1000				4,1300				
Certificate	NL0012275937	ALLIA166.6TL OPENB	EUR	3,4550	3,4550	3,4550				3,4550				
Certificate	NL0012599963	ALLIA169.1TL OPENH	EUR	3,2300	3,2600	3,2300				3,2600				
Certificate	DE000CV8A4H5	ALLIA173.5TL OPENZ	EUR	1,7800	1,7800	1,7300				1,7300				
Certificate	NL0012897755	ALLIA175.5TL OPENH	EUR	2,6300	2,6600	2,6300				2,6600				
Certificate	NL0013009897	ALLIA196.3TS OPENB	EUR	2,2650	2,2650	2,2650				2,2650				
Certificate	NL0012498323	ALLIA215.7TS OPENB	EUR	4,3550	4,3550	4,3550				4,3550				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013002918	ALLIA237.3TS OPENB	EUR	6,6950	6,6950	6,6950			6,6950					
Certificate	NL0010655296	ALPHA 515TL OPENB	EUR	52,6100	52,6100	52,6100			52,6100					
Certificate	DE000CX59BC3	ALPHA 725TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CX59H44	ALPHA 725TL OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CY50R81	ALPHA 800TL OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CY50R99	ALPHA 850TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CY50RA0	ALPHA 900TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CY50Z08	ALPHA 900TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06800	ALPHA 900TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ5AG38	ALPHA 950TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP23359	ALPHA 950TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP235Y2	ALPHA 975TL OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CP235Z9	ALPHA 1000TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP23607	ALPHA 1050TS OPENC	EUR											
Certificate	DE000CP23367	ALPHA 1050TS OPENC	EUR											
Certificate	DE000CP23615	ALPHA 1075TS OPENC	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CQ58J26	ALPHA 1100TL OPENC	EUR											
Certificate	DE000CP07B50	ALPHA 1150TS OPENC	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CP06UM9	ALPHA 1150TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CY51ZF0	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CY51XY6	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CY52YR6	ALPHA 1200TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CP23623	ALPHA 1200TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CP06LB1	ALPHA 1225TS OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CP067D3	ALPHA 1225TS OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CP064H1	ALPHA 1250TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CP06545	ALPHA 1250TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CP06552	ALPHA 1275TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CP064J7	ALPHA 1275TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CY52RR0	ALPHA 1300TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CP06156	ALPHA 1300TS OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CY52N26	ALPHA 1300TS OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CP062Y0	ALPHA 1300TS OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CQ58VV6	ALPHA 1350TS OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CY52RS8	ALPHA 1350TS OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CQ58VW4	ALPHA 1400TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CQ58U05	ALPHA 1400TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0000458222	ALPHA121.7TL OPENB	EUR	169,9800	169,9800	169,9800			169,9800					
Certificate	NL0000451201	ALPHA159.3TL OPENB	EUR	164,2100	164,2100	164,2100			164,2100					
Certificate	NL00009173202	ALPHA241.9TL OPENB	EUR	151,5400	151,5400	151,5400			151,5400					
Certificate	NL0010655791	ALPHA411.5TL OPENB	EUR	60,9200	60,9200	60,9200			60,9200					
Certificate	NL0010285276	ALPHA437.4TL OPENB	EUR	121,5600	121,5600	121,5600			121,5600					
Certificate	NL0010655668	ALPHA457.4TL OPENB	EUR	57,2400	57,2400	57,2400			57,2400					
Certificate	DE000CF80798	ALPHA477.9TL OPENC	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	NL0010381026	ALPHA481.1TL OPENB	EUR	114,8600	114,8600	114,8600			114,8600					
Certificate	DE000CC16U28	ALPHA493.6TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0010520110	ALPHA533.7TL OPENB	EUR	106,7800	106,7800	106,7800			106,7800					
Certificate	DE000CW42518	ALPHC 600TL OPENC	EUR	16,1000	16,1000	16,1000			16,1000					
Certificate	DE000CJ3P8K3	ALPHC 815TL 0319Z	EUR	2,1750	2,3250	2,1750			2,3250					
Certificate	DE000CX0KNF9	ALPHC 850TS OPENC	EUR											
Certificate	DE000CJ3P9Y2	ALPHC 905TL 0319Z	EUR	1,3750	1,5350	1,3000	45,5000	1	1,5350		35			
Certificate	DE000CV8AGG67	ALPHC 930TL 1218Z	EUR	1,1050	1,2650	1,1050			1,2650					
Certificate	DE000CJ3P5B8	ALPHC 965TL 0319Z	EUR	0,8450	1,0050	0,8450			1,0050					
Certificate	DE000VA90V25	ALPHC 1017TL OPENV	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0012777973	ALPHC 1041TS OPENB	EUR											
Certificate	DE000VA9C4U9	ALPHC 1062TS OPENV	EUR											
Certificate	NL0013155351	ALPHC 1071BS OPENB	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000VA9CZX8	ALPHC 1082TS OPENV	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0013152655	ALPHC 1093TS OPENB	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	DE000VA9CTW3	ALPHC 1102TS OPENV	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000VA9CR41	ALPHC 1122TS OPENV	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013018443	ALPHC 1125BS OPENB	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000VA9CR58	ALPHC 1142TS OPENV	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CJ3PN05	ALPHC 1144TS OPENZ	EUR	0,8950	0,8950	0,7250			0,7250					
Certificate	NL0013009905	ALPHC 1148TS OPENB	EUR	18,5100	18,5100	18,5100			18,5100					
Certificate	DE000VA9CR66	ALPHC 1162TS OPENV	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0013007693	ALPHC 1181BS OPENB	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	DE000VA9CR74	ALPHC 1182TS OPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000VA9CR82	ALPHC 1202TS OPENV	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013005499	ALPHC 1206TS OPENB	EUR	24,1400	24,1400	24,1400			24,1400					
Certificate	DE000VA9CU04	ALPHC 1222TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CV89986	ALPHC 1295TS OPENZ	EUR	2,2150	2,2150	2,0450			2,0450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012973697	ALPHC 1302BS OPENB	EUR	21,6900	21,6900	21,6900			21,6900					
Certificate	DE000CV89AX2	ALPHC 1396TS OPENZ	EUR	3,1050	3,1050	2,9350			2,9350					
Certificate	DE000CV8A8N4	ALPHC 1597TS OPENZ	EUR	4,8950	4,8950	4,7050			4,7050					
Certificate	NL0011048103	ALPHC448.4TL OPENH	EUR	56,7400	57,9900	56,7400			57,9900					
Certificate	NL0011239355	ALPHC576.5TL OPENH	EUR	46,3800	47,7000	46,3800			47,7000					
Certificate	NL0011263363	ALPHC613.5TL OPENB	EUR	44,7100	44,7100	44,7100			44,7100					
Certificate	NL0011239330	ALPHC620.6TL OPENH	EUR	42,8200	44,1400	42,8200			44,1400					
Certificate	NL0011428990	ALPHC643.5TL OPENB	EUR	42,3000	42,3000	42,3000			42,3000					
Certificate	NL0011438239	ALPHC674.8TL OPENB	EUR	39,7900	39,7900	39,7900			39,7900					
Certificate	DE000CR9QSE7	ALPHC686.7TL OPENZ	EUR	32,1200	33,6200	32,1200			33,6200					
Certificate	NL0011637087	ALPHC708.4TL OPENB	EUR	37,1000	37,1000	37,1000			37,1000					
Certificate	DE000CV89WR8	ALPHC721.1TL OPENZ	EUR	29,1200	30,6300	29,1200			30,6300					
Certificate	NL0011906193	ALPHC742.5TL OPENB	EUR	34,3600	34,3600	34,3600			34,3600					
Certificate	NL0011912944	ALPHC778.8TL OPENB	EUR	31,4400	31,4400	31,4400			31,4400					
Certificate	NL0011910112	ALPHC781.6BL OPENB	EUR	25,9300	25,9300	25,9300			25,9300					
Certificate	DE000CV89WQ0	ALPHC822.3TL OPENZ	EUR	20,1300	21,6800	20,1300			21,6800					
Certificate	DE000VA9C4X3	ALPHC856.3TL OPENV	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000VA9C4Y1	ALPHC876.3TL OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VA9CU20	ALPHC914.2TL OPENV	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CV89WP2	ALPHC923.4TL OPENZ	EUR	11,2900	12,8600	11,2900			12,8600					
Certificate	DE000VA9CSC7	ALPHC934.2TL OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000VA9CSD5	ALPHC954.2TL OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000VA9CSE3	ALPHC974.2TL OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3PST0	ALPHC983.3TL OPENZ	EUR	0,6050	0,7650	0,6050			0,7650					
Certificate	DE000VA9OR54	ALPHC996.5TL OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0012783856	ALSTO 42.6TS OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0011892815	ALSTO19.59TL OPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0011926688	ALSTO20.64TL OPENH	EUR	1,9600	1,9700	1,9600			1,9700					
Certificate	NL0011934567	ALSTO21.66TL OPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0011970728	ALSTO22.17TL OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0011971544	ALSTO22.68TL OPENH	EUR	1,7700	1,7800	1,7700			1,7800					
Certificate	NL0011988902	ALSTO23.23TL OPENH	EUR	1,7200	1,7300	1,7200			1,7300					
Certificate	NL0012027031	ALSTO23.64TL OPENB	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0012048987	ALSTO24.26TL OPENH	EUR	1,6200	1,6300	1,6200			1,6300					
Certificate	NL0011993506	ALSTO24.78TL OPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CV508X6	ALSTO25.65TL OPENZ	EUR	1,3400	1,3500	1,3400			1,3500					
Certificate	NL0012205710	ALSTO25.78TL OPENH	EUR	1,4800	1,4900	1,4800			1,4900					
Certificate	NL0012205702	ALSTO26.29TL OPENH	EUR	1,4300	1,4400	1,4300			1,4400					
Certificate	NL0012214035	ALSTO27.27TL OPENH	EUR	1,3400	1,3500	1,3400			1,3500					
Certificate	NL0012214027	ALSTO27.79TL OPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012242572	ALSTO28.81TL OPENH	EUR	1,2000	1,2100	1,2000			1,2100					
Certificate	NL0012242564	ALSTO29.32TL OPENH	EUR	1,1500	1,1600	1,1500			1,1600					
Certificate	DE000CV508Y4	ALSTO30.64TL OPENZ	EUR	0,8400	0,8500	0,8400			0,8500					
Certificate	NL0012520373	ALSTO30.82TL OPENH	EUR	1,0100	1,0200	1,0100			1,0200					
Certificate	NL0012520712	ALSTO31.84TL OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0012541270	ALSTO32.84TL OPENH	EUR	0,8200	0,8300	0,8200			0,8300					
Certificate	NL0012775613	ALSTO33.79TL OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012595888	ALSTO34.85TL OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CV88QZ5	ALSTO35.62TL OPENZ	EUR	0,3500	0,3600	0,3500			0,3600					
Certificate	NL0012782254	ALSTO35.77TL OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012888556	ALSTO35.83TL OPENH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0013153299	ALSTO37.73TL OPENB	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0013182223	ALSTO38.09TL OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012904999	ALSTO40.16TS OPENH	EUR	0,4600	0,4700	0,4600			0,4700					
Certificate	NL0012900187	ALSTO41.12TS OPENH	EUR	0,5600	0,5700	0,5600			0,5700					
Certificate	NL0012521330	ALSTO42.09TS OPENH	EUR	0,6600	0,6800	0,6600			0,6800					
Certificate	NL0012864516	ALSTO44.09TS OPENH	EUR	0,8800	0,8900	0,8800			0,8900					
Certificate	NL0012849251	ALSTO45.02TS OPENH	EUR	0,9800	0,9900	0,9800			0,9900					
Certificate	NL0012997829	ALSTO45.66TS OPENB	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0012555437	ALSTO46.44TS OPENH	EUR	1,1300	1,1500	1,1300			1,1500					
Certificate	NL0012862288	ALSTO50.99TS OPENH	EUR	1,6200	1,6400	1,6200			1,6400					
Certificate	DE000CQ58ZK0	ALTIA 2TL OPENC	EUR											
Certificate	DE000CP07AS6	ALTIA 3TS OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CP06XQ4	ALTIA 3TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012899918	ALTIA 3TS OPENH	EUR	1,6600	1,6600	1,5600			1,5600					
Certificate	NL0012916951	ALTIA 5TS OPENH	EUR	3,8800	3,8800	3,7800			3,7800					
Certificate	DE000CV51XH1	ALTIA 16TS OPENC	EUR											
Certificate	DE000CV51KGO	ALTIA 18TS OPENC	EUR											
Certificate	NL0012494504	ALTIA 23BOC1218B	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CJ3QJ26	ALTIA 1.1TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012911606	ALTIA 1.3TL OPENH	EUR	0,6200	0,7400	0,6200	56473,2800	10	0,7400	84449				
Certificate	DE000CJ3QFW9	ALTIA 1.3TL OPENZ	EUR	0,5600	0,7000	0,5600	20190,2400	17	0,6700	32346				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP07AN7	ALTIA 1.5TL OPENC	EUR											
Certificate	DE000CP06XL5	ALTIA 1.5TL OPENC	EUR											
Certificate	NL0013185952	ALTIA 1.6TL OPENH	EUR	0,2900	0,4100	0,2900	1000,0000	1	0,4100	2500				
Certificate	NL0013185135	ALTIA 1.6TL OPENH	EUR											
Certificate	NL0012911598	ALTIA 1.7TL OPENH	EUR											
Certificate	DE000CQ58ZM6	ALTIA 2.5TS OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CP235G9	ALTIA 2.5TS OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0012993760	ALTIA 2.88S OPENB	EUR	1,0700	1,0850	1,0650	749,0000	1	1,0850	700				
Certificate	NL0012891139	ALTIA 2.8TS OPENH	EUR	1,4300	1,4300	1,3300			1,3300					
Certificate	NL0012920003	ALTIA 3.5TS OPENH	EUR	2,1500	2,1500	2,0600			2,0600					
Certificate	DE000CV89FY9	ALTIA 3.6TS OPENZ	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012911507	ALTIA 3.8TS OPENH	EUR	2,4600	2,4600	2,3700			2,3700					
Certificate	NL0012911499	ALTIA 3.8TS OPENH	EUR	2,5700	2,5700	2,4800			2,4800					
Certificate	NL0012911481	ALTIA 4.2TS OPENH	EUR	3,0100	3,0100	2,9100			2,9100					
Certificate	NL0012911473	ALTIA 4.6TS OPENH	EUR	3,4400	3,4400	3,3400			3,3400					
Certificate	NL0012692149	ALTIA 4.8TL OPENB	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012511117	ALTIA 5.8TL OPENB	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012511125	ALTIA 6.3TL OPENB	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012780712	ALTIA 6.8TL OPENB	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012782262	ALTIA 7.3TL OPENB	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013156656	ALTIA 0.938L OPENB	EUR	1,0300	1,1000	1,0300	5600,0000	3	1,0650	5300				
Certificate	NL0013156664	ALTIA 1.138L OPENB	EUR	0,8300	0,8650	0,8300	0,8300	1	0,8650	1				
Certificate	NL0012996813	ALTIA 1.338L OPENB	EUR	0,5600	0,6850	0,5600	11636,0000	6	0,6650	18500				
Certificate	DE000CJ3QJ34	ALTIA 1.45TL OPENZ	EUR	0,4400	0,5300	0,4400	78,5600	2	0,5300	174				
Certificate	NL0013157985	ALTIA 1.538L OPENB	EUR	0,3300	0,4550	0,3300	7345,5000	7	0,4350	18750				
Certificate	NL0013157837	ALTIA 1.558S OPENB	EUR											
Certificate	DE000CV88CQ3	ALTIA 1.55TL OPENZ	EUR											
Certificate	DE000CJ3QLH8	ALTIA 1.55TL OPENZ	EUR	0,3500	0,4400	0,3500	130,7500	2	0,4400	345				
Certificate	DE000CJ3QH85	ALTIA 1.65TL OPENZ	EUR											
Certificate	DE000CP232R3	ALTIA 1.75TL OPENC	EUR											
Certificate	DE000CP235E4	ALTIA 1.75TL OPENC	EUR											
Certificate	DE000CJ3QH93	ALTIA 1.75TL OPENZ	EUR											
Certificate	DE000CV8ANY6	ALTIA 1.78TL OPENZ	EUR											
Certificate	DE000CJ3QJ42	ALTIA 1.79TS OPENZ	EUR	0,2100	0,2100	0,2100	220,5000	1	0,2100	1050				
Certificate	DE000CJ3PN96	ALTIA 1.88TL OPENZ	EUR											
Certificate	DE000CJ3QJ59	ALTIA 1.99TS OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012509582	ALTIA 10.9TS OPENB	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0013156037	ALTIA 2.058S OPENB	EUR											
Certificate	DE000CJ3QFX7	ALTIA 2.19TS OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CP232S1	ALTIA 2.25TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP235F1	ALTIA 2.25TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CJ3PIH4	ALTIA 2.44TS OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV883K0	ALTIA 2.66TL OPENZ	EUR											
Certificate	DE000CV883L8	ALTIA 2.68TS OPENZ	EUR											
Certificate	DE000CV887M7	ALTIA 2.69TS OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CV89V42	ALTIA 3.31TL OPENZ	EUR											
Certificate	NL0013157712	ALTIA0.7318L OPENB	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0013157365	ALTIA1.114TL OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0013156847	ALTIA1.264TL OPENB	EUR	0,5800	0,7050	0,5800	12764,1000	13	0,6850	20930				
Certificate	NL0013156854	ALTIA1.413TL OPENB	EUR	0,4400	0,5650	0,4350	22805,2600	20	0,5450	45678				
Certificate	NL0012986780	ALTIA1.5318L OPENB	EUR											
Certificate	NL0013018633	ALTIA1.562TL OPENB	EUR											
Certificate	NL0012996987	ALTIA1.711TL OPENB	EUR											
Certificate	NL0013157522	ALTIA1.722TS OPENB	EUR											
Certificate	NL0012995336	ALTIA1.7328L OPENB	EUR											
Certificate	NL0013156722	ALTIA1.8028S OPENB	EUR											
Certificate	NL0012986988	ALTIA1.862TL OPENB	EUR											
Certificate	NL0012986491	ALTIA1.9338L OPENB	EUR											
Certificate	NL0013156870	ALTIA1.972TS OPENB	EUR	0,3500	0,3500	0,2500	5019,9600	6	0,2750	18148				
Certificate	NL0012509335	ALTIA11.378S OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013156730	ALTIA2.0528S OPENB	EUR	0,4200	0,4200	0,3150	8464,0000	4	0,3350	20200				
Certificate	NL0013154610	ALTIA2.222TS OPENB	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013151590	ALTIA2.3018S OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0013014145	ALTIA2.472TS OPENB	EUR	0,8600	0,8600	0,8150	34,4000	1	0,8150	40				
Certificate	NL0012994404	ALTIA2.5518S OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0012994271	ALTIA2.722TS OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013004922	ALTIA2.974TS OPENB	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0012512321	ALTIA3.5618L OPENB	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0012511752	ALTIA4.5878L OPENB	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012510200	ALTIA5.6148L OPENB	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0010660379	ALUMI 1630TL OPENB	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0009993039	ALUMI 2630TS OPENB	EUR	1,0200	1,0200	1,0200			1,0200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011047923	AMAZO 253TL OPENH	EUR	121,4600	124,5900	121,4600			124,5900					
Certificate	NL0010439006	AMAZO 290TL OPENB	EUR	121,0200	121,0200	121,0200			121,0200					
Certificate	DE000C8AYC2	AMAZO 380TL OPENC	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	NL0011047881	AMAZO 386TL OPENH	EUR	110,7000	113,8800	110,7000			113,8800					
Certificate	DE000CX00PX3	AMAZO 475TL OPENC	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	DE000CX00PZ8	AMAZO 520TL OPENC	EUR											
Certificate	NL0011720560	AMAZO 564TL OPENH	EUR	96,2900	99,5600	96,2900			99,5600					
Certificate	NL0011728126	AMAZO 640TL OPENH	EUR	90,2100	93,5200	90,2100			93,5200					
Certificate	DE000CX01LD2	AMAZO 650TL OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CX01MT6	AMAZO 680TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0011731658	AMAZO 682TL OPENH	EUR	86,7600	90,0900	86,7600			90,0900					
Certificate	DE000CX59134	AMAZO 700TL OPENC	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0011807367	AMAZO 715TL OPENB	EUR	86,1100	86,1100	86,1100			86,1100					
Certificate	NL0011903208	AMAZO 744TL OPENB	EUR	83,7300	83,7300	83,7300			83,7300					
Certificate	DE000CX59XY1	AMAZO 750TL OPENC	EUR											
Certificate	NL0011996442	AMAZO 780TL OPENH	EUR	78,8200	82,2200	78,8200			82,2200					
Certificate	DE000CY50Y09	AMAZO 800TL OPENC	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CY50V93	AMAZO 800TL OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CX01LH3	AMAZO 800TS OPENC	EUR											
Certificate	DE000CY50QX4	AMAZO 850TL OPENC	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000CY50Y17	AMAZO 900TL OPENC	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CY50QY2	AMAZO 900TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CY51VD4	AMAZO 1000TL OPENC	EUR	4,8200	5,0700	4,8200	482,0000	1	5,0700	100				
Certificate	DE000CY51YV0	AMAZO 1000TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000CJ3N5L9	AMAZO 1084TL OPENZ	EUR	4,6350	4,9650	4,6350			4,9650					
Certificate	DE000CY524W2	AMAZO 1100TL OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CY525E7	AMAZO 1100TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CV899R1	AMAZO 1126TL OPENZ	EUR											
Certificate	DE000VA9C4C7	AMAZO 1190TL OPENV	EUR	40,2350	40,2350	40,2350			40,2350					
Certificate	DE000CY52Q98	AMAZO 1200TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CY52MT7	AMAZO 1200TL OPENC	EUR	3,7000	3,8000	3,7000	555,0000	1	3,8000	150				
Certificate	DE000VA9C4D5	AMAZO 1210TL OPENV	EUR	38,4750	38,4750	38,4750			38,4750					
Certificate	DE000VA9C4E3	AMAZO 1230TL OPENV	EUR	36,7050	36,7050	36,7050			36,7050					
Certificate	DE000CV89WW0	AMAZO 1237TL OPENZ	EUR	3,2850	3,6150	3,2850	368,0000	2	3,6150	110				
Certificate	DE000VA9C4F0	AMAZO 1250TL OPENV	EUR	34,9450	34,9450	34,9450			34,9450					
Certificate	DE000VA9C4G8	AMAZO 1270TL OPENV	EUR	33,1750	33,1750	33,1750			33,1750					
Certificate	DE000CJ3PSV6	AMAZO 1298TL OPENZ	EUR	2,7450	3,0750	2,7450			3,0750					
Certificate	DE000CQ05A1C5	AMAZO 1300TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA9C183	AMAZO 1308TL OPENV	EUR	26,3500	29,7850	26,3500	5326,0000	2	29,7850	200				
Certificate	DE000VA9CTR3	AMAZO 1326TL OPENV	EUR	27,9450	27,9450	27,9450			27,9450					
Certificate	DE000VA8F337	AMAZO 1364TL OPENV	EUR	24,4350	24,4350	24,4350			24,4350					
Certificate	DE000CJ3PNW5	AMAZO 1369TL OPENZ	EUR	2,1250	2,4650	2,1250	4440,0000	1	2,4650	2000				
Certificate	DE000VA8FZ31	AMAZO 1384TL OPENV	EUR	22,6050	22,6050	22,6050			22,6050					
Certificate	DE000CQ05AKR9	AMAZO 1400TL OPENC	EUR											
Certificate	DE000CQ05AHV7	AMAZO 1400TL OPENC	EUR											
Certificate	DE000CP235M7	AMAZO 1400TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000VA8F345	AMAZO 1404TL OPENV	EUR	20,8950	20,8950	20,8950			20,8950					
Certificate	DE000VA90RV2	AMAZO 1429TL OPENV	EUR	19,1450	19,1450	19,1450			19,1450					
Certificate	DE000CJ3QGY3	AMAZO 1438TL OPENZ	EUR	1,5250	1,8650	1,5250	567,5500	2	1,8650	353				
Certificate	DE000VA90RW0	AMAZO 1449TL OPENV	EUR	14,4600	17,3850	14,1700	7241,5000	4	17,3850	500				
Certificate	DE000VA90RX8	AMAZO 1469TL OPENV	EUR											
Certificate	DE000VA90VY8	AMAZO 1490TL OPENV	EUR	13,8750	13,8750	13,8750			13,8750					
Certificate	DE000CJ3QLD7	AMAZO 1508TL OPENZ	EUR	1,0000	1,2650	1,0000	200,0000	1	1,2650	200				
Certificate	DE000VA90XG1	AMAZO 1530TL OPENV	EUR	10,6050	10,6050	10,6050			10,6050					
Certificate	DE000VA90VJ9	AMAZO 1535TS OPENV	EUR											
Certificate	DE000VA9C373	AMAZO 1555TS OPENV	EUR											
Certificate	DE000VA9C381	AMAZO 1575TS OPENV	EUR											
Certificate	NL0013155369	AMAZO 1580BS OPENB	EUR											
Certificate	DE000VA9C399	AMAZO 1595TS OPENV	EUR											
Certificate	DE000CP235N5	AMAZO 1600TS OPENC	EUR											
Certificate	DE000CP232W3	AMAZO 1600TS OPENC	EUR											
Certificate	NL0013154776	AMAZO 1604TS OPENB	EUR											
Certificate	DE000VA9C4A1	AMAZO 1615TS OPENV	EUR											
Certificate	DE000VA9C4B9	AMAZO 1635TS OPENV	EUR											
Certificate	DE000VA9C175	AMAZO 1655TS OPENV	EUR											
Certificate	NL0013153539	AMAZO 1659BS OPENB	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000VA9CZJ7	AMAZO 1675TS OPENV	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	NL0013153786	AMAZO 1684TS OPENB	EUR	15,6250	15,6250	15,6250			15,6250					
Certificate	DE000VA9CZL3	AMAZO 1695TS OPENV	EUR	6,3850	6,3850	6,3850			6,3850					
Certificate	DE000CP232X1	AMAZO 1700TS OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000VA9CZN9	AMAZO 1715TS OPENV	EUR	7,7450	7,7450	7,7450			7,7450					
Certificate	DE000CJ3QCG9	AMAZO 1733TS OPENZ	EUR	1,2250	1,2250	0,8750			0,8750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA9CZ02	AMAZO 17375S OPENV	EUR	9,1050	9,1050	9,1050			9,1050					
Certificate	NL0013152192	AMAZO 17428S OPENB	EUR	9,5850	9,5850	9,5850			9,5850					
Certificate	DE000VASRLA2	AMAZO 17497L OPENV	EUR											
Certificate	DE000CQ5A5T0	AMAZO 1750TS OPENC	EUR											
Certificate	DE000VA9CZR0	AMAZO 1755TS OPENV	EUR	10,4650	10,4650	10,4650			10,4650					
Certificate	NL0013152671	AMAZO 1768TS OPENB	EUR	23,6450	23,6450	23,6450			23,6450					
Certificate	DE000VASRLB0	AMAZO 17747L OPENV	EUR											
Certificate	DE000VA9CWE5	AMAZO 1775TS OPENV	EUR	11,9450	11,9450	11,9450			11,9450					
Certificate	DE000VA8FXT6	AMAZO 1797TS OPENV	EUR	13,7050	13,7050	13,7050			13,7050					
Certificate	DE000CP06GY4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000CQ5BZR5	AMAZO 1800TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP235P0	AMAZO 1800TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000VA8FSV2	AMAZO 1817TS OPENV	EUR	15,4550	15,4550	15,4550			15,4550					
Certificate	NL0013018468	AMAZO 1829BS OPENB	EUR	17,2650	17,2650	17,2650			17,2650					
Certificate	DE000VA8FRV4	AMAZO 1837TS OPENV	EUR	17,2150	17,2150	17,2150			17,2150					
Certificate	DE000VA7TG13	AMAZO 1857TS OPENV	EUR	18,9550	18,9550	18,9550			18,9550					
Certificate	DE000VA7TG39	AMAZO 1877TS OPENV	EUR	20,7150	20,7150	20,7150			20,7150					
Certificate	DE000CJ3N5Y2	AMAZO 1883TS OPENZ	EUR	2,5250	2,5250	2,1650			2,1650					
Certificate	DE000VA7TG62	AMAZO 1897TS OPENV	EUR	22,4750	22,4750	22,4750			22,4750					
Certificate	DE000CP06UB2	AMAZO 1900TS OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000VA7TDK0	AMAZO 1917TS OPENV	EUR	24,2150	24,2150	24,2150			24,2150					
Certificate	NL0013006950	AMAZO 1920BS OPENB	EUR	26,3200	26,3200	25,3250	6580,0000	1	25,3250	250				
Certificate	DE000VA7TAX9	AMAZO 1937TS OPENV	EUR	25,9650	25,9650	25,9650			25,9650					
Certificate	NL0013009939	AMAZO 1950TS OPENB	EUR	45,0000	45,0450	40,9850	19910,0000	2	40,9850	450				
Certificate	DE000VA7PV83	AMAZO 1957TS OPENV	EUR	27,7250	27,7250	27,7250			27,7250					
Certificate	DE000VA7PV91	AMAZO 1977TS OPENV	EUR	29,4850	29,4850	29,4850			29,4850					
Certificate	DE000VA7PU68	AMAZO 1997TS OPENV	EUR	31,2250	31,2250	31,2250			31,2250					
Certificate	DE000CP07AU2	AMAZO 2000TS OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CP06UC0	AMAZO 2000TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0013004724	AMAZO 2016BS OPENB	EUR	33,7850	33,7850	33,7850			33,7850					
Certificate	DE000VA7PU76	AMAZO 2017TS OPENV	EUR	32,9850	32,9850	32,9850			32,9850					
Certificate	DE000CJ3N039	AMAZO 2033TS OPENZ	EUR	3,8450	3,8450	3,4850			3,4850					
Certificate	DE000VA7PN26	AMAZO 2037TS OPENV	EUR	34,7350	34,7350	34,7350			34,7350					
Certificate	NL0012997092	AMAZO 2048TS OPENB	EUR	50,3150	50,3150	50,3150			50,3150					
Certificate	DE000VA5RK11	AMAZO 2061TS OPENV	EUR	36,4850	36,4850	36,4850			36,4850					
Certificate	DE000VA5RK29	AMAZO 2086TS OPENV	EUR	38,6850	38,6850	38,6850			38,6850					
Certificate	DE000CQ5BPV8	AMAZO 2100TS OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000VA5RK37	AMAZO 2111TS OPENV	EUR	40,8750	40,8750	40,8750			40,8750					
Certificate	DE000VA5RK45	AMAZO 2136TS OPENV	EUR	43,0750	43,0750	43,0750			43,0750					
Certificate	NL0012993489	AMAZO 2150TS OPENB	EUR	60,0850	60,0850	60,0850			60,0850					
Certificate	DE000VASRL36	AMAZO 2161TS OPENV	EUR	45,2750	45,2750	45,2750			45,2750					
Certificate	DE000VA64OK6	AMAZO 2177TS OPENV	EUR	47,0550	47,0550	47,0550			47,0550					
Certificate	DE000CV89E76	AMAZO 2183TS OPENZ	EUR	5,1600	5,1600	4,7950			4,7950					
Certificate	DE000CQ5BVE2	AMAZO 2200TS OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CP06107	AMAZO 2200TS OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000VASRQ07	AMAZO 2210TS OPENV	EUR	49,6750	49,6750	49,6750			49,6750					
Certificate	DE000VA6D963	AMAZO 2229TS OPENV	EUR	51,4650	51,4650	51,4650			51,4650					
Certificate	DE000VA5RRK8	AMAZO 2260TS OPENV	EUR	54,0650	54,0650	54,0650			54,0650					
Certificate	DE000VA64OL4	AMAZO 2277TS OPENV	EUR	55,8450	55,8450	55,8450			55,8450					
Certificate	DE000CP06115	AMAZO 2300TS OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000VA6D302	AMAZO 2310TS OPENV	EUR	58,4650	58,4650	58,4650			58,4650					
Certificate	DE000VA6D310	AMAZO 2335TS OPENV	EUR	60,6550	60,6550	60,6550			60,6550					
Certificate	DE000CV8A3C8	AMAZO 2384TS OPENZ	EUR	6,9500	6,9500	6,5700			6,5700					
Certificate	DE000CP062V6	AMAZO 2400TS OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0010117909	AMAZO237.4TL OPENB	EUR	125,3400	125,3400	125,3400			125,3400					
Certificate	NL0011090840	AMAZO400.3TL OPENB	EUR	111,9600	111,9600	111,9600			111,9600					
Certificate	NL0011796503	AMAZO589.2TL OPENB	EUR	96,4400	96,4400	96,4400			96,4400					
Certificate	NL0011797113	AMAZO618.6TL OPENB	EUR	94,0300	94,0300	94,0300			94,0300					
Certificate	NL0011801220	AMAZO649.5TL OPENB	EUR	91,4900	91,4900	91,4900			91,4900					
Certificate	NL0011804729	AMAZO681.4TL OPENB	EUR	88,8800	88,8800	88,8800			88,8800					
Certificate	NL0011899141	AMAZO752.1BL OPENB	EUR	79,4100	79,4100	79,4100			79,4100					
Certificate	NL0012033609	AMAZO789.6BL OPENB	EUR	75,9400	75,9400	75,9400			75,9400					
Certificate	DE000CJ3PSU8	AMAZO932.7TL OPENZ	EUR	5,9700	6,2900	5,9700			6,2900					
Certificate	DE000CD63X59	AMBEV3.663TL OPENZ	EUR	0,2600	0,2800	0,2600			0,2800					
Certificate	DE000CJ3QJN0	AMD 20TS OPENZ	EUR											
Certificate	DE000CJ3QA33	AMD 22.5TS OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CN6KZ13	AMD 3.09TL OPENZ	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CD611G5	AMD 4.76TL OPENZ	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	DE000CD62BU1	AMD 6.35TL OPENZ	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	DE000CD63RW1	AMD 8.44TL OPENZ	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	DE000CV8A6C1	AMD 12.34TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000VA8F519	AMD 13.71TL OPENV	EUR	6,8600	6,8800	6,5350	68,6000	1	6,5350	10				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8FOK6	AMD 14.21TL OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000CV8AGD9	AMD 14.38TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VA8FOP5	AMD 14.71TL OPENV	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	DE000VA8FOQ3	AMD 15.21TL OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	DE000VA8FOS9	AMD 15.71TL OPENV	EUR	4,2800	4,7550	4,2750	128,4000	1	4,7550	30				
Certificate	DE000CJ3PMG0	AMD 15.87TL OPENZ	EUR	0,9950	0,9950	0,9250			0,9250					
Certificate	DE000VA87FQ3	AMD 16.72TL OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000CJ3PT58	AMD 16.86TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000VA90RZ3	AMD 17.26TL OPENV	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	DE000VA90R21	AMD 17.76TL OPENV	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	DE000VA90R39	AMD 18.26TL OPENV	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CJ3QGx5	AMD 18.36TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000VA90R47	AMD 18.76TL OPENV	EUR											
Certificate	DE000VA90V09	AMD 18.77TL OPENV	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA90V17	AMD 19.27TL OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000VA90UU8	AMD 19.45TS OPENV	EUR											
Certificate	DE000VA90UV6	AMD 19.95TS OPENV	EUR											
Certificate	DE000VA9C2C1	AMD 20.95TS OPENV	EUR											
Certificate	DE000VA9CWM8	AMD 21.95TS OPENV	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000VA8F352	AMD 22.96TS OPENV	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000VA9CWP1	AMD 23.95TS OPENV	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CJ3PYR2	AMD 24.99TS OPENZ	EUR	0,6650	0,7250	0,6650			0,7250					
Certificate	DE000VA8FSX8	AMD 25.46TS OPENV	EUR	4,7100	4,7150	4,0350	211,9500	1	4,0350	45				
Certificate	DE000VA8FSY6	AMD 26.46TS OPENV	EUR	4,9150	4,9150	4,9150			4,9150					
Certificate	DE000VA8FRW2	AMD 27.46TS OPENV	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	DE000VA710K7	AMD 28.46TS OPENV	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	DE000CJ3PGN8	AMD 28.47TS OPENZ	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000VA7PN34	AMD 29.48TS OPENV	EUR	7,5550	7,5550	7,5550			7,5550					
Certificate	DE000VA7PN42	AMD 30.48TS OPENV	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	DE000CJ3NY79	AMD 31.48TS OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000CV888X2	AMD 34.97TS OPENZ	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE0006106701	AMEXB PI OPENN	EUR	404,4500	404,4500	404,4500			404,4500					
Certificate	NL0010045639	AMEXB 1356TL OPENB	EUR	299,0500	299,0500	299,0500			299,0500					
Certificate	NL0012795892	AMG LEVOPENZ	EUR	34,7200	34,7200	34,7200			34,7200					
Certificate	NL0012795934	AMG SHROPENZ	EUR	43,7600	43,7600	43,7600			43,7600					
Certificate	NL0012796106	AMG 42BON0919Z	EUR	39,4000	39,4000	39,4000			39,4000					
Certificate	NL0012796114	AMG 42BON1219Z	EUR	39,2300	39,2300	39,2300			39,2300					
Certificate	NL0012796825	AMG 44BOC0919Z	EUR	40,1200	40,1200	40,1200			40,1200					
Certificate	NL0013110661	AMG 45BOC0919Z	EUR	39,2600	39,2600	39,2600			39,2600					
Certificate	NL0012796833	AMG 46BOC1219Z	EUR	40,3000	40,3000	40,3000			40,3000					
Certificate	NL0011914601	AMG 12.4TL OPENB	EUR	28,0100	28,0100	28,0100			28,0100					
Certificate	NL0009938802	AMG 4.66TL OPENB	EUR	34,6500	34,6500	34,6500			34,6500					
Certificate	NL0013154784	AMG 41.5TS OPENB	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0011435904	AMG 5.65TL OPENB	EUR	33,8900	33,8900	33,8900			33,8900					
Certificate	DE000CV8A070	AMG 54.4TS OPENZ	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0011807862	AMG 9.83TL OPENB	EUR	30,2600	30,2600	30,2600			30,2600					
Certificate	NL0011906219	AMG 11.37TL OPENB	EUR	28,9100	28,9100	28,9100			28,9100					
Certificate	DE000CD62ZP0	AMG 13.25TL OPENZ	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012105324	AMG 15.63TL OPENB	EUR	25,2000	25,2000	25,2000			25,2000					
Certificate	NL0012114029	AMG 18.72TL OPENB	EUR	22,5200	22,5200	22,5200			22,5200					
Certificate	NL0012115042	AMG 19.75TL OPENB	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0012115224	AMG 20.77TL OPENB	EUR	20,2200	20,7300	20,2200	2022,0000	1	20,7300	100				
Certificate	DE000CE6BWQ6	AMG 21.27TL OPENZ	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012121313	AMG 21.77TL OPENB	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	DE000CE6CQE2	AMG 23.55TL OPENZ	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012268486	AMG 23.83TL OPENB	EUR	18,0700	18,0700	18,0700			18,0700					
Certificate	NL0012269898	AMG 24.84TL OPENB	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	DE000CE6DGX1	AMG 25.81TL OPENZ	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012278691	AMG 26.87TL OPENB	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	NL0012488977	AMG 27.88TL OPENB	EUR	14,5400	14,5400	14,5400			14,5400					
Certificate	DE000CE6E4B2	AMG 28.02TL OPENZ	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012490353	AMG 28.89TL OPENB	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	NL0012492144	AMG 29.89TL OPENB	EUR	11,9400	12,7900	11,8900	1194,0000	1	12,7900	100				
Certificate	DE000CE6EMT5	AMG 30.77TL OPENZ	EUR	1,9100	2,1000	1,9100	2043,0000	4	2,1000	1050				
Certificate	NL0012492151	AMG 30.92TL OPENB	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	NL0012497689	AMG 31.92TL OPENB	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0012497697	AMG 32.94TL OPENB	EUR	8,8700	10,1400	8,8700	1330,5000	1	10,1400	150				
Certificate	NL0012771711	AMG 33.94TL OPENB	EUR	8,6600	9,2700	8,6600	4375,0000	2	9,2700	500				
Certificate	DE000CE6EZE9	AMG 34.03TL OPENZ	EUR	1,2800	1,4600	1,2300	66523,7000	50	1,4600	49995				
Certificate	NL0013011687	AMG 35.95TL OPENB	EUR	5,5100	6,1000	5,5100	3097,6000	2	6,1000	560				
Certificate	DE000CJ3PMX5	AMG 36.53TL OPENZ	EUR	0,8500	1,0300	0,8500	1275,0000	1	1,0300	1500				
Certificate	DE000CJ3QBR8	AMG 44.32TS OPENZ	EUR	2,0500	2,0500	1,8400	4050,0000	2	1,8400	2000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013149222	AMG 45.66TS OPENB	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	DE000CV8ALW4	AMG 49.82TS OPENZ	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013146111	AMG 50.22TS OPENB	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0013148679	AMG 55.26TS OPENB	EUR	22,6100	22,6100	22,6100			22,6100					
Certificate	NL0010133450	AMGEN 70.2TL OPENB	EUR	119,7300	119,7300	119,7300			119,7300					
Certificate	NL0013014442	AML 1204TL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013010861	AML 1280TL OPENB	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0013009665	AML 1356TL OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013154628	AML 1524TS OPENB	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013151921	AML 1674TS OPENB	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0013005754	AML 1823TS OPENB	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0013150261	AML 1974TS OPENB	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000CJ3QEG5	AML 9.32TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CJ3N542	AML 10.82TL OPENZ	EUR	0,9150	0,9550	0,9150			0,9550					
Certificate	DE000CJ3N559	AML 12.36TL OPENZ	EUR	0,5850	0,6350	0,5850			0,6350					
Certificate	DE000CJ3QDV6	AMUN 31.46TL OPENZ	EUR	1,9750	1,9750	1,9550			1,9550					
Certificate	DE000CJ3PF70	AMUN 36.48TL OPENZ	EUR	1,4750	1,4750	1,4450			1,4450					
Certificate	DE000CV89NZ0	AMUN 42.51TL OPENZ	EUR	0,8750	0,8750	0,8400	420,0000	1	0,8450	500				
Certificate	NL0010134805	AMX 444TL OPENB	EUR	28,1100	28,1100	28,1100			28,1100					
Certificate	NL0011036561	AMX 456TL OPENH	EUR	27,3100	27,3100	26,8400			26,8400					
Certificate	NL0011036553	AMX 478TL OPENH	EUR	25,3700	25,3700	24,8400			24,8400					
Certificate	NL0011036546	AMX 499TL OPENH	EUR	23,3400	23,3400	22,8100			22,8100					
Certificate	NL0010151007	AMX 508TL OPENA	EUR											
Certificate	NL0010910345	AMX 509TL OPENB	EUR	21,9500	21,9500	21,9500			21,9500					
Certificate	NL0011036538	AMX 520TL OPENH	EUR	21,3000	21,3000	20,7800			20,7800					
Certificate	NL0011036520	AMX 542TL OPENH	EUR	19,2700	19,2700	18,7500			18,7500					
Certificate	NL0011907092	AMX 559TL OPENB	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0011054614	AMX 837TS OPENH	EUR	17,9400	18,3400	17,9400			18,3400					
Certificate	DE000CV4ZBY7	AMX 990.TS OPENZ	EUR	28,6200	28,6200	28,6200			28,6200					
Certificate	DE000CJ3PNJ2	AMX 456.7TL OPENZ	EUR	24,8000	24,8000	24,8000			24,8000					
Certificate	NL0011647367	AMX 533.8TL OPENB	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	DE000CR9RW82	AMX 556.5TL OPENZ	EUR	14,8200	14,8200	14,8200			14,8200					
Certificate	DE000CR9Q003	AMX 577.7TL OPENZ	EUR	12,7000	12,7000	12,7000			12,7000					
Certificate	NL0011912357	AMX 585.4TL OPENB	EUR	14,6000	14,6000	14,6000			14,6000					
Certificate	DE000CD62JRO	AMX 618.5TL OPENZ	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	NL0012100762	AMX 636.6TL OPENB	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000CD643F0	AMX 658.8TL OPENZ	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012110621	AMX 662.2TL OPENB	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0013155781	AMX 718.6TS OPENB	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013153224	AMX 743.6TS OPENB	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CJ3N393	AMX 760.5TS OPENZ	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0013009442	AMX 767.9TS OPENB	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	NL0013006455	AMX 792.7TS OPENB	EUR	13,0000	13,0000	13,0000			13,0000					
Certificate	DE000CE6CD83	AMX 820.1TS OPENZ	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	NL0012278071	AMX 841.1TS OPENB	EUR	18,1800	18,2500	18,0900	1818,0000	1	18,0900	100				
Certificate	DE000CE6CM82	AMX 870.9TS OPENZ	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	DE000CE6E0G9	AMX 930.5TS OPENZ	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	DE000CV509D6	ANGAM11.75TL OPENZ	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CV509E4	ANGAM13.77TL OPENZ	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CV8BCD1	ANGAM9.738TL OPENZ	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CD62RK8	AOO 46.72TL OPENZ	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CD62RL6	AOO 54.22TL OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CD62RM4	AOO 61.59TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CE6C1U0	AOO 66.86TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CV87JA5	AOO 72.13TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CE6F322	AOO 86.52TS OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CJ3PET0	AOO 96.39TS OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0011594403	APPLE 81TL OPENH	EUR	9,0400	9,3000	9,0400			9,3000					
Certificate	DE000CX59159	APPLE 100TL OPENC	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CQ5ATG3	APPLE 170TS OPENC	EUR											
Certificate	DE000CQ5ATH1	APPLE 175TS OPENC	EUR											
Certificate	DE000CP235J3	APPLE 185TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CP235K1	APPLE 190TS OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CP232T9	APPLE 195TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CP235L9	APPLE 200TS OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CP232U7	APPLE 200TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013152705	APPLE 206TS OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	DE000CP232V5	APPLE 210TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CP06U82	APPLE 225TS OPENC	EUR	4,3000	4,3000	4,0300	430,0000	1	4,0300	100				
Certificate	DE000CP06U90	APPLE 230TS OPENC	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CP07AT4	APPLE 230TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CP062R4	APPLE 235TS OPENC	EUR	5,6600	5,6600	5,6600			5,6600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP060U2	APPLE 23STS OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CQ58VC6	APPLE 240TS OPENC	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CQ58TJ5	APPLE 240TS OPENC	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000CP060V0	APPLE 245TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CP062S2	APPLE 245TS OPENC	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CP060W8	APPLE 250TS OPENC	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CP062T0	APPLE 250TS OPENC	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000CP06P14	APPLE 255TS OPENC	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CP062U8	APPLE 260TS OPENC	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CP060X6	APPLE 260TS OPENC	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0009960962	APPLE 510TL OPENA	EUR											
Certificate	NL0009961036	APPLE 520TL OPENA	EUR											
Certificate	DE000VAGT3H2	APPLE 217.TL OPENV	EUR											
Certificate	NL0009621887	APPLE 31.3TL OPENB	EUR	92,9900	92,9900	92,9900			92,9900					
Certificate	NL0009621895	APPLE 36.5TL OPENB	EUR	90,0300	90,0300	90,0300			90,0300					
Certificate	NL0011042759	APPLE 39.6TL OPENH	EUR	12,3900	12,6400	12,3900			12,6400					
Certificate	NL0010442257	APPLE 53.9TL OPENB	EUR	80,2500	80,2500	80,2500			80,2500					
Certificate	NL0010444956	APPLE 58.5TL OPENB	EUR	77,7100	77,7100	77,7100			77,7100					
Certificate	NL0010517934	APPLE 63.6TL OPENB	EUR	74,8300	74,8300	74,8300			74,8300					
Certificate	NL0011042726	APPLE 66.3TL OPENH	EUR	10,2300	10,4900	10,2300			10,4900					
Certificate	NL0011052360	APPLE 67.2TL OPENH	EUR	10,1500	10,4100	10,1500			10,4100					
Certificate	NL0010520086	APPLE 68.1TL OPENB	EUR	72,2700	72,2700	72,2700			72,2700					
Certificate	NL0011052352	APPLE 70.5TL OPENH	EUR	9,8900	10,1500	9,8900			10,1500					
Certificate	NL0010656096	APPLE 72.7TL OPENB	EUR	69,7300	69,7300	69,7300			69,7300					
Certificate	NL0010656104	APPLE 77.2TL OPENB	EUR	67,2100	67,2100	67,2100			67,2100					
Certificate	NL0011052337	APPLE 79.9TL OPENH	EUR	9,1300	9,4000	9,1300			9,4000					
Certificate	NL0010656427	APPLE 81.6TL OPENB	EUR	64,6900	64,6900	64,6900			64,6900					
Certificate	NL0011052329	APPLE 83.2TL OPENH	EUR	8,8700	9,1200	8,8700			9,1200					
Certificate	NL0010658340	APPLE 86.1TL OPENB	EUR	62,1600	62,1600	62,1600			62,1600					
Certificate	NL0011594379	APPLE 87.5TL OPENH	EUR	8,5200	8,7700	8,5200			8,7700					
Certificate	NL0011052311	APPLE 89.2TL OPENH	EUR	8,3800	8,6400	8,3800			8,6400					
Certificate	NL0011808076	APPLE 90.2TL OPENB	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0011928957	APPLE 97.2TL OPENH	EUR	7,7400	8,0000	7,7400			8,0000					
Certificate	NL0011912589	APPLE100.3TL OPENB	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000CNGLH06	APPLE101.2TL OPENZ	EUR	6,6300	6,9100	6,6300			6,9100					
Certificate	NL0012015952	APPLE105.5TL OPENB	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CD62FF3	APPLE109.8TL OPENZ	EUR	5,8700	6,1600	5,8700			6,1600					
Certificate	DE000VA90XT4	APPLE145.3TL OPENV	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0011733118	APPLE146.1TS OPENH	EUR											
Certificate	DE000VA90TL9	APPLE147.7TL OPENV	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	DE000VA90TM7	APPLE150.2TL OPENV	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000VA90TR6	APPLE152.7TL OPENV	EUR	2,1100	2,3650	2,0000	6796,0000	5	2,3650	3300				
Certificate	DE000VA90TT2	APPLE155.2TL OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CM4ASAS	APPLE16.38TL OPENZ	EUR	9,9200	10,0900	9,9200			10,0900					
Certificate	DE000VASC1M2	APPLE160.1TL OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000VASC1N0	APPLE162.6TL OPENV	EUR	1,2100	1,4650	1,1000	8392,0000	5	1,4650	7400				
Certificate	DE000VASC1P5	APPLE165.1TL OPENV	EUR	1,0000	1,2650	0,9800	4010,0000	4	1,2650	4000				
Certificate	DE000VASCUN0	APPLE170.4TL OPENV	EUR	0,6300	0,8650	0,5700	7548,1700	7	0,8650	12475				
Certificate	NL0012778518	APPLE171.98S OPENB	EUR											
Certificate	DE000VA9CUP5	APPLE172.9TL OPENV	EUR											
Certificate	DE000VA9CTC5	APPLE175.5TL OPENV	EUR											
Certificate	DE000VA90XS6	APPLE176.6TS OPENV	EUR	0,1600	0,1600	0,1000	535,0000	3	0,1050	4000				
Certificate	NL0013157530	APPLE177.8TS OPENB	EUR											
Certificate	DE000VA90VQ4	APPLE179.1TS OPENV	EUR	0,4400	0,5150	0,4400	930,0000	3	0,5150	2000				
Certificate	NL0013157845	APPLE180.48S OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000VA90S46	APPLE181.6TS OPENV	EUR	0,6200	0,7200	0,4250	1990,0000	3	0,4250	3000				
Certificate	DE000VA90S79	APPLE184.1TS OPENV	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013156045	APPLE184.48S OPENB	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CJ3QHP9	APPLE184.5TS OPENZ	EUR	0,8650	0,8650	0,5650			0,5650					
Certificate	DE000VA90TA2	APPLE186.6TS OPENV	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0013156557	APPLE186.7TS OPENB	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	NL0013156052	APPLE188.48S OPENB	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000VA90TD6	APPLE189.1TS OPENV	EUR	1,2200	1,2200	0,9650	1464,0000	1	0,9650	1200				
Certificate	DE000VA90TG9	APPLE191.6TS OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0013155385	APPLE192.48S OPENB	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	DE000VA90TH7	APPLE194.1TS OPENV	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0013153794	APPLE196.1TS OPENB	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	NL0013153554	APPLE196.48S OPENB	EUR	16,7800	16,7800	16,7800			16,7800					
Certificate	DE000VA90VD2	APPLE196.6TS OPENV	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000VASC1H2	APPLE199.1TS OPENV	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CJ3QCH7	APPLE199.5TS OPENZ	EUR	2,1650	2,1650	1,8450			1,8450					
Certificate	NL0013152218	APPLE200.48S OPENB	EUR	20,3100	20,3100	20,3100			20,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA9C1J8	APPLE201.6TS OPENV	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000VA9C1K6	APPLE204.1TS OPENV	EUR	2,5200	2,5300	2,2350	37,8000	1	2,2350		15			
Certificate	DE000VA9C1L4	APPLE206.6TS OPENV	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	NL0013152226	APPLE208.4BS OPENB	EUR	27,3600	27,3600	27,3600			27,3600					
Certificate	DE000VA9CX43	APPLE209.1TS OPENV	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CM027P4	APPLE21.99TL OPENZ	EUR	9,5800	9,7600	9,5800			9,7600					
Certificate	DE000VA9CS73	APPLE212.3TS OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0013149487	APPLE212.4BS OPENB	EUR	30,8900	30,8900	30,8900			30,8900					
Certificate	DE000VA9CS81	APPLE214.8TS OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	NL0013149024	APPLE216.4BS OPENB	EUR	34,4000	34,4000	34,4000			34,4000					
Certificate	NL0013149230	APPLE216.4TS OPENB	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	DE000VA9CS99	APPLE217.3TS OPENV	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000CJ3PYT8	APPLE219.5TS OPENZ	EUR	3,9250	3,9250	3,5950	19470,0000	5	3,5950	5000				
Certificate	DE000VA9CTA9	APPLE219.8TS OPENV	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	NL0013149032	APPLE220.4BS OPENB	EUR	37,9300	37,9300	37,9300			37,9300					
Certificate	DE000VA9CTB7	APPLE222.3TS OPENV	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	DE000VA715B2	APPLE224.8TS OPENV	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	DE000VA715D8	APPLE227.3TS OPENV	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	NL0013009954	APPLE227.4TS OPENB	EUR	6,4750	6,4750	6,4750			6,4750					
Certificate	NL0013008923	APPLE228.4BS OPENB	EUR	44,9800	44,9800	44,9800			44,9800					
Certificate	DE000VA715G1	APPLE229.8TS OPENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	DE000VA77C90	APPLE232.3TS OPENV	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	DE000VASRLH7	APPLE234.8TS OPENV	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	NL0012994115	APPLE236.4BS OPENB	EUR	52,0200	52,0200	52,0200			52,0200					
Certificate	DE000VAGEGB6	APPLE237.3TS OPENV	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	NL0012987176	APPLE238.9TS OPENB	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	DE000CV88QQ4	APPLE239.5TS OPENZ	EUR	5,6900	5,6900	5,3500			5,3500					
Certificate	DE000VASRPE5	APPLE239.8TS OPENV	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	DE000VASRRR3	APPLE244.8TS OPENV	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0012980873	APPLE250.7TS OPENB	EUR	8,7650	8,7650	8,7650			8,7650					
Certificate	DE000CV8ANA6	APPLE259.6TS OPENZ	EUR	7,4600	7,4600	7,1200			7,1200					
Certificate	NL0012994032	APPLE263.2TS OPENB	EUR	9,9950	9,9950	9,9950			9,9950					
Certificate	DE000CV8B0U5	APPLE279.7TS OPENZ	EUR	9,2400	9,2400	8,9000			8,9000					
Certificate	DE000CG28U95	APPLE57.44TL OPENC	EUR	71,0400	71,0400	71,0400			71,0400					
Certificate	DE000CK1BV43	APPLE58.37TL OPENZ	EUR	74,2100	76,0800	74,2100			76,0800					
Certificate	DE000CF3ASA6	APPLE67.34TL OPENC	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0011534938	APPLE72.52BL OPENB	EUR	94,8800	94,8800	94,8800			94,8800					
Certificate	DE000CF50R01	APPLE73.84TL OPENC	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	DE000CZ7DTQ1	APPLE80.65TL OPENZ	EUR	59,1200	61,0500	59,1200			61,0500					
Certificate	NL0011266994	APPLE89.52BL OPENB	EUR	79,9000	79,9000	79,9000			79,9000					
Certificate	DE000CR9RUC5	APPLE92.27TL OPENZ	EUR	7,4200	7,7000	7,4200			7,7000					
Certificate	DE000CB9Y9E4	APPLE93.54TL OPENZ	EUR	53,2600	55,2200	53,2600			55,2200					
Certificate	NL0011808399	APPLE93.94BL OPENB	EUR	76,0000	76,0000	76,0000			76,0000					
Certificate	DE000CB9Y1K8	APPLE97.52TL OPENZ	EUR	48,7000	50,6800	48,7000			50,6800					
Certificate	NL0009873090	APRAM 4TL OPENB	EUR	22,6150	22,6150	22,6150			22,6150					
Certificate	DE000CP234F4	APRAM 20TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CQ58YP2	APRAM 20TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP06W64	APRAM 25TL OPENC	EUR											
Certificate	DE000CQ58KD7	APRAM 28TL OPENC	EUR											
Certificate	DE000CP234G2	APRAM 30TS OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CP232Z7	APRAM 30TS OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0013110562	APRAM 318OC0919Z	EUR	26,5500	26,6100	26,3900	40551,2500	6	26,3900	1525				
Certificate	DE000CQ58YQ0	APRAM 35TS OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CQ5AS67	APRAM 36TL OPENC	EUR											
Certificate	DE000CQ5AU63	APRAM 38TL OPENC	EUR											
Certificate	DE000CQ5AS75	APRAM 38TL OPENC	EUR											
Certificate	DE000CP06TQ2	APRAM 40TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CP06ZA3	APRAM 40TS OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CP06081	APRAM 40TS OPENC	EUR											
Certificate	NL0012796130	APRAM 428ON1219Z	EUR	24,7500	24,7500	24,7500			24,7500					
Certificate	DE000CQ58PN5	APRAM 42TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012795322	APRAM 438OC0619Z	EUR	25,5000	25,5000	25,5000			25,5000					
Certificate	DE000CQ5AU89	APRAM 45TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CQ5AS91	APRAM 45TS OPENC	EUR											
Certificate	DE000CQ5AWK9	APRAM 46TS OPENC	EUR											
Certificate	DE000CQ5ASA8	APRAM 46TS OPENC	EUR											
Certificate	DE000CQ58F53	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ5ASB6	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ58DT8	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ5AU97	APRAM 48TS OPENC	EUR											
Certificate	NL0012676282	APRAM 518OC1218B	EUR	26,3900	26,3900	26,1600	11875,5000	1	26,1600	450				
Certificate	NL0009998319	APRAM 1.9TL OPENB	EUR	24,4950	24,4950	24,4950			24,4950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010656088	APRAM 14.8TL OPENB	EUR	12,7650	12,7650	12,7650			12,7650					
Certificate	NL0010901567	APRAM 18.1TL OPENB	EUR	9,2000	9,7350	9,1650	5520,0000	1	9,7350	600				
Certificate	NL0011437405	APRAM 21.3TL OPENB	EUR	6,7700	6,8250	6,7700	677,0000	1	6,8250	100				
Certificate	NL0013145758	APRAM 23.4TL OPENB	EUR	4,6900	5,2600	4,6900	33848,0000	4	4,9550	7000				
Certificate	NL0013155377	APRAM 26.3BS OPENB	EUR											
Certificate	NL0013154800	APRAM 26.4TS OPENB	EUR											
Certificate	NL0013110679	APRAM 28.8BOC0919Z	EUR	26,2300	26,2300	26,2300			26,2300					
Certificate	NL0013152697	APRAM 29.4TS OPENB	EUR	6,5150	6,5150	6,5150			6,5150					
Certificate	NL0013018740	APRAM 32.4TS OPENB	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	NL0012796841	APRAM 35.2BOC0619Z	EUR	27,5900	27,5900	27,5900			27,5900					
Certificate	NL0012796858	APRAM 36.8BOC0919Z	EUR	27,0200	27,0200	27,0200			27,0200					
Certificate	NL0012796866	APRAM 39.2BOC1219Z	EUR	26,7600	26,7600	26,7600			26,7600					
Certificate	NL0013148786	APRAM 41.4BOC1219B	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	NL0012103295	APRAM 50.1TS OPENB	EUR	29,4750	29,4750	29,4750			29,4750					
Certificate	NL0012494686	APRAM 53.5BOC1218B	EUR	26,1600	26,1600	26,1600			26,1600					
Certificate	NL0011233887	APRAM12.64TL OPENH	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0011233879	APRAM16.87TL OPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000CJ3QA90	APRAM17.01TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CJ3P8R8	APRAM18.85TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CR9SQ30	APRAM20.19TL OPENZ	EUR	6,2400	6,2400	6,2100	93,6000	1	6,2100	15				
Certificate	NL0013155245	APRAM20.92BL OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	DE000CJ3QGF2	APRAM21.61TL OPENZ	EUR	0,9800	0,9800	0,9650	294,0000	1	0,9650	300				
Certificate	NL0011516182	APRAM21.92BL OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CJ3PPC2	APRAM22.35TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013016348	APRAM22.98BL OPENB	EUR	3,4000	3,9400	3,4000	955,8000	3	3,6750	270				
Certificate	DE000CJ3P7F5	APRAM23.11TL OPENZ	EUR	0,5800	0,6650	0,5800	197,2000	1	0,6650	340				
Certificate	NL0013184591	APRAM23.52TL OPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013016355	APRAM23.98BL OPENB	EUR	2,9700	3,0000	2,6750	1189,5000	2	2,6750	400				
Certificate	NL0013185127	APRAM25.02TL OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0013184583	APRAM25.52TS OPENH	EUR											
Certificate	NL0013182231	APRAM27.02TS OPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0013180813	APRAM28.02TS OPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0013152200	APRAM28.29BS OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0013134224	APRAM28.65TS OPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0013132855	APRAM29.65TS OPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000CJ3QBA4	APRAM29.68TS OPENZ	EUR	0,7000	0,7000	0,6950	2100,0000	1	0,6950	3000				
Certificate	NL0013151608	APRAM30.29BS OPENB	EUR	4,5850	4,5850	4,5850			4,5850					
Certificate	NL0013130867	APRAM31.64TS OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0013018864	APRAM32.28BS OPENB	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000CJ3PUT6	APRAM32.78TS OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0013125545	APRAM33.66TS OPENH	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	NL0013018872	APRAM34.28BS OPENB	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	LU1859830058	APRAM36.14TPIOPENS	EUR	10,5600	10,5600	10,0500			10,0500					
Certificate	DE000CJ3PK65	APRAM36.77TS OPENZ	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0013083033	APRAM37.63TS OPENH	EUR	16,0800	16,0800	16,0800			16,0800					
Certificate	NL0013008907	APRAM38.26BS OPENB	EUR	12,5650	12,5650	12,5650			12,5650					
Certificate	NL0013083025	APRAM38.63TS OPENH	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	LU1841028977	APRAM39.48TPIOPENS	EUR	13,8700	13,8700	13,3600			13,3600					
Certificate	DE000CJ3N419	APRAM40.77TS OPENZ	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	NL0012936579	APRAM41.35TS OPENH	EUR	20,2100	20,2100	20,2100			20,2100					
Certificate	NL0012934525	APRAM42.33TS OPENH	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	LU1696586418	APRAM45.36TPIOPENS	EUR	17,7600	17,7600	17,2500			17,2500					
Certificate	DE000CV503C1	APRAM45.76TS OPENZ	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0012109888	APRAM46.12BS OPENB	EUR	20,4150	20,4150	20,4150			20,4150					
Certificate	LU1696508701	APRAM47.27TPIOPENS	EUR	19,6000	19,6000	19,0900			19,0900					
Certificate	NL0011233770	APRAM48.17TS OPENH	EUR	27,7800	27,7800	27,7800			27,7800					
Certificate	NL0013016371	ARCAD 10.2BL OPENB	EUR	1,2000	1,2000	1,1350	240,0000	1	1,1350	200				
Certificate	DE000CJ3PQP2	ARCAD 10.6TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CJ3PPK5	ARCAD 12.4TS OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CJ3PK81	ARCAD 13.4TS OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CJ3PK99	ARCAD 14.4TS OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013006711	ARCAD 14.7BS OPENB	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	NL0012280085	ARCAD 20.3TS OPENB	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0013018658	ARCAD 7.79TL OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012108302	ARCAD 8.79TL OPENB	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012103790	ARCAD 9.83TL OPENB	EUR	2,3100	2,3100	2,1600	4668,9300	3	2,1900	2103				
Certificate	DE000CNC6182	ARCAD10.05TL OPENZ	EUR	0,5800	0,5900	0,5650	3146,0000	8	0,5650	5400				
Certificate	NL0013019045	ARCAD10.82TL OPENB	EUR											
Certificate	NL0013157373	ARCAD10.83TL OPENB	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013018757	ARCAD10.94BL OPENB	EUR											
Certificate	NL0013157720	ARCAD10.95BL OPENB	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0013156060	ARCAD11.71BS OPENB	EUR	0,8450	0,8450	0,8450			0,8450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013017239	ARCAD12.39TS OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0013016629	ARCAD13.21BS OPENB	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0013015951	ARCAD14.39TS OPENB	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CJ3NX47	ARCAD15.39TS OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0013006729	ARCAD16.19BS OPENB	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000CV89L36	ARCAD16.89TS OPENZ	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CV87WC4	ARCAD18.88TS OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000CJ3PK73	ARCAD7.423TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CN6J638	ARCAD8.426TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0013018328	ARCAD8.693BL OPENB	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CJ3PPJ7	ARCAD8.961TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	NL0013016363	ARCAD9.444BL OPENB	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000CN6J3Y2	ARCAD9.519TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CE6BQP0	ARCM1 LEVOPENZ	EUR	2,0240	2,0240	2,0240	404,8000	1	2,0240		200			
Certificate	DE000CE6BQE4	ARCM1 SHROPENZ	EUR											
Certificate	XS1568006867	ARCM1 STN0220B	EUR	86,3500	87,4000	86,3500	1748,0000	1	86,4500	2000				
Certificate	XS1777869931	ARCM1 STN0221B	EUR	78,1000	78,2000	78,1000			78,2000					
Certificate	NL0011649975	ARCM1 7TL OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0011659057	ARCM1 10TL OPENB	EUR	4,5850	4,5850	4,5850			4,5850					
Certificate	NL0011906250	ARCM1 14TL OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000CY502T4	ARCM1 15TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CY16YG4	ARCM1 16TL OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CY16Y36	ARCM1 16TL OPENC	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000VA90WC2	ARCM1 17TL 0319V	EUR											
Certificate	DE000CY16YJ8	ARCM1 17TL OPENC	EUR	0,3500	0,4300	0,3400	449,6600	2	0,4300	1299				
Certificate	DE000CY16Y51	ARCM1 17TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000VA8F196	ARCM1 18TL 0319V	EUR											
Certificate	DE000CY50875	ARCM1 18TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CY50ES0	ARCM1 18TL OPENC	EUR	0,1600	0,2500	0,1600	96,0000	1	0,2500	600				
Certificate	DE000VA8FYP2	ARCM1 19TL 0319V	EUR											
Certificate	DE000VA8F121	ARCM1 19TL 1218V	EUR											
Certificate	DE000CV8B052	ARCM1 19TL 1218Z	EUR	0,4800	0,4800	0,4300	455,0000	2	0,4300	1000				
Certificate	DE000CY50701	ARCM1 19TL OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CY50891	ARCM1 19TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000VA71UN3	ARCM1 20TL 0319V	EUR											
Certificate	DE000VA3ZU78	ARCM1 20TL 1218V	EUR											
Certificate	DE000CY50JW1	ARCM1 20TL OPENC	EUR											
Certificate	DE000CY50KF4	ARCM1 20TL OPENC	EUR											
Certificate	DE000VA90WB4	ARCM1 21TS 0319V	EUR											
Certificate	DE000VA9C5P6	ARCM1 22TS 0319V	EUR											
Certificate	DE000CP232F8	ARCM1 22TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP234U3	ARCM1 22TS OPENC	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	DE000VA9COS1	ARCM1 23TS 0319V	EUR											
Certificate	DE000CP232G6	ARCM1 23TS OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CY528X1	ARCM1 24TL OPENC	EUR											
Certificate	DE000VA8FVY0	ARCM1 24TS 0319V	EUR											
Certificate	DE000VA8FV27	ARCM1 24TS 1218V	EUR											
Certificate	DE000CP234V1	ARCM1 24TS OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CQ5BZ34	ARCM1 24TS OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000VA4RMJ4	ARCM1 25TL 1218V	EUR											
Certificate	DE000CQ5AHK0	ARCM1 25TL OPENC	EUR											
Certificate	DE000VA8FTB2	ARCM1 25TS 0319V	EUR											
Certificate	DE000VA8FTC0	ARCM1 25TS 1218V	EUR											
Certificate	DE000CQ5BZ42	ARCM1 25TS OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CQ5AST8	ARCM1 26TL OPENC	EUR											
Certificate	DE000CQ5APN7	ARCM1 26TL OPENC	EUR											
Certificate	DE000VA71PR4	ARCM1 26TS 0319V	EUR											
Certificate	DE000VA71PZ7	ARCM1 26TS 1218V	EUR											
Certificate	DE000CP06U25	ARCM1 26TS OPENC	EUR	0,6600	0,6600	0,5900	6600,0000	1	0,5900	10000				
Certificate	DE000CP06ZX5	ARCM1 26TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CQ5AUW8	ARCM1 27TL OPENC	EUR											
Certificate	DE000VA7PW66	ARCM1 27TS 0319V	EUR											
Certificate	DE000VA7PXA7	ARCM1 27TS 1218V	EUR											
Certificate	DE000CP06U33	ARCM1 27TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000VA7PXQ3	ARCM1 27TS OPENV	EUR											
Certificate	NL0012494512	ARCM1 28BOC1218B	EUR	26,1200	26,1200	26,1200			26,1200					
Certificate	DE000VA7PUG0	ARCM1 28TS 0319V	EUR											
Certificate	DE000VA5EM14	ARCM1 28TS 1218V	EUR											
Certificate	DE000CQ5BT81	ARCM1 28TS OPENC	EUR											
Certificate	DE000CP06MH6	ARCM1 28TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CP062H5	ARCM1 28TS OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012648331	ARCM1 29BOC0619Z	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PUH8	ARCM1 29TS 0319V	EUR											
Certificate	DE000VA32VQ5	ARCM1 29TS 1218V	EUR											
Certificate	DE000CP060M9	ARCM1 29TS OPENC	EUR		0,8900	0,8900	0,8900			0,8900				
Certificate	NL0012976617	ARCM1 30BOC0619B	EUR		20,0800	20,0800	20,0800			20,0800				
Certificate	DE000VA7PUJ4	ARCM1 30TS 0319V	EUR											
Certificate	DE000VA323T2	ARCM1 30TS 1218V	EUR											
Certificate	DE000CQ580C6	ARCM1 30TS OPENC	EUR		0,9700	0,9700	0,9700			0,9700				
Certificate	NL0012795603	ARCM1 31BOC0919Z	EUR											
Certificate	DE000VA7PUK2	ARCM1 31TS 0319V	EUR											
Certificate	DE000VA4YND1	ARCM1 31TS 1218V	EUR											
Certificate	DE000CV8AB48	ARCM1 31TS 1218Z	EUR											
Certificate	DE000CY522A2	ARCM1 31TS OPENC	EUR		1,1600	1,1600	1,1600			1,1600				
Certificate	DE000VA4YV36	ARCM1 32TS 1218V	EUR											
Certificate	DE000CY52HZ4	ARCM1 32TS OPENC	EUR		1,1300	1,1300	1,1300			1,1300				
Certificate	DE000CY52J06	ARCM1 33TS OPENC	EUR		1,2300	1,2300	1,2300			1,2300				
Certificate	DE000CQ5AUV4	ARCM1 34TS OPENC	EUR		1,3500	1,3500	1,3500			1,3500				
Certificate	DE000CQ5ASV4	ARCM1 34TS OPENC	EUR											
Certificate	DE000CY52J14	ARCM1 35TS OPENC	EUR		1,4300	1,4300	1,4300			1,4300				
Certificate	DE000CY52MG4	ARCM1 35TS OPENC	EUR											
Certificate	DE000CV8AHX0	ARCM1 36TS 1218Z	EUR											
Certificate	DE000VA71R24	ARCM1 26.TS OPENV	EUR											
Certificate	NL0011656699	ARCM1 9.3TL OPENB	EUR		4,8650	4,8650	4,8650			4,8650				
Certificate	NL0011719844	ARCM1 9.4TL OPENH	EUR		3,7100	3,7100	3,7100			3,7100				
Certificate	NL0011796461	ARCM1 10.9TL OPENB	EUR		3,2650	3,2650	3,2650			3,2650				
Certificate	NL0010154944	ARCM1 11.6TL OPENA	EUR											
Certificate	NL0011900691	ARCM1 12.1TL OPENB	EUR		2,9050	2,9050	2,9050			2,9050				
Certificate	NL0011906243	ARCM1 13.1TL OPENB	EUR		2,6250	2,6250	2,6250			2,6250				
Certificate	NL0011926886	ARCM1 14.4TL OPENH	EUR		2,2000	2,2000	2,1600	4752,0000	1	2,1600	2200			
Certificate	NL0012017511	ARCM1 15.2TL OPENB	EUR		1,9750	1,9750	1,9750			1,9750				
Certificate	NL0012017974	ARCM1 16.1TL OPENB	EUR		1,6600	1,7050	1,6550	498,0000	1	1,7050	300			
Certificate	NL0012018170	ARCM1 16.3BL OPENB	EUR		1,2700	1,2700	1,2700			1,2700				
Certificate	DE000C3QLJ4	ARCM1 16.3TL OPENZ	EUR											
Certificate	NL0012029102	ARCM1 17.3TL OPENB	EUR		1,3400	1,3650	1,2900	10660,0000	5	1,3250	8050			
Certificate	LU1859845163	ARCM1 17.4TCIOPENS	EUR		2,7000	2,7100	2,7000			2,7100				
Certificate	DE000VA90WD0	ARCM1 17.5TL 0319V	EUR											
Certificate	DE000CY509X1	ARCM1 17.5TL OPENC	EUR		0,3800	0,3800	0,3800			0,3800				
Certificate	DE000CY16Y69	ARCM1 17.5TL OPENC	EUR		0,3000	0,3000	0,3000			0,3000				
Certificate	DE000CD63QM4	ARCM1 17.8TL OPENZ	EUR		0,8800	0,8800	0,8800	110,0000	1	0,8800	125			
Certificate	NL0012330906	ARCM1 18.3TL OPENH	EUR		3,0400	3,0400	3,0400			3,0400				
Certificate	NL0012273908	ARCM1 18.4BL OPENB	EUR		1,6600	1,7050	1,5800	19500,0000	4	1,7050	12000			
Certificate	DE000VA90WE8	ARCM1 18.5TL 0319V	EUR											
Certificate	DE000CY509Y9	ARCM1 18.5TL OPENC	EUR		0,2800	0,2800	0,2800			0,2800				
Certificate	DE000CY506Z2	ARCM1 18.5TL OPENC	EUR		0,2000	0,2000	0,2000			0,2000				
Certificate	NL0012274138	ARCM1 18.9TL OPENB	EUR		2,6000	2,6800	2,5650	28780,0000	4	2,5650	10800			
Certificate	LU1573538961	ARCM1 19.1TCIOPENS	EUR											
Certificate	NL0012274997	ARCM1 19.4TL OPENB	EUR											
Certificate	DE000VA90WF5	ARCM1 19.5TL 0319V	EUR											
Certificate	DE000CY50ET8	ARCM1 19.5TL OPENC	EUR											
Certificate	DE000CY51C79	ARCM1 19.5TL OPENC	EUR											
Certificate	DE000CY509Z6	ARCM1 19.5TL OPENC	EUR											
Certificate	DE000CY50XD2	ARCM1 19.5TL OPENC	EUR											
Certificate	DE000CX59KJ9	ARCM1 19.6TL OPENC	EUR											
Certificate	NL0012275531	ARCM1 19.9TL OPENB	EUR											
Certificate	NL0011593363	ARCM1 2.51TL OPENH	EUR		7,4800	7,4800	7,4800			7,4800				
Certificate	NL0012276430	ARCM1 20.4TL OPENB	EUR											
Certificate	DE000CY50KG2	ARCM1 20.5TL OPENC	EUR											
Certificate	DE000CY50JX9	ARCM1 20.5TL OPENC	EUR											
Certificate	NL0013156565	ARCM1 21.5TS OPENB	EUR		4,1950	4,1950	4,1950			4,1950				
Certificate	DE000CY50EV4	ARCM1 21.5TS OPENC	EUR											
Certificate	NL0013152713	ARCM1 22.5TS OPENB	EUR		5,4050	5,4050	5,4050			5,4050				
Certificate	DE000CJ3QJX9	ARCM1 23.5TS 0319Z	EUR											
Certificate	NL0013015969	ARCM1 23.5TS OPENB	EUR		6,4850	6,4850	6,4850			6,4850				
Certificate	NL0013130982	ARCM1 23.9TS OPENH	EUR		6,8500	6,8500	6,8500			6,8500				
Certificate	NL0012796874	ARCM1 24.2BOC0619Z	EUR											
Certificate	NL0013015522	ARCM1 24.5TS OPENB	EUR		7,5850	7,5850	7,5850			7,5850				
Certificate	DE000VA4RMK2	ARCM1 24.9TL OPENV	EUR											
Certificate	NL0012796882	ARCM1 25.3BOC0919Z	EUR											
Certificate	DE000VA71RU4	ARCM1 25.4TS OPENV	EUR											
Certificate	NL0013009962	ARCM1 25.6TS OPENB	EUR											
Certificate	DE000VA71RW0	ARCM1 25.6TS OPENV	EUR											
Certificate	DE000VA71RZ3	ARCM1 25.8TS OPENV	EUR											
Certificate	DE000VA71R57	ARCM1 26.2TS OPENV	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71R81	ARCM1 26.4TS OPENV	EUR											
Certificate	DE000CJ3P299	ARCM1 26.5TS 0319Z	EUR											
Certificate	DE000CY51KA3	ARCM1 26.5TS OPENC	EUR											
Certificate	DE000CY51M93	ARCM1 26.5TS OPENC	EUR											
Certificate	NL0013005507	ARCM1 26.6TS OPENB	EUR	9,8750	9,8750	9,8750			9,8750					
Certificate	DE000VA77C25	ARCM1 26.6TS OPENV	EUR											
Certificate	DE000VA7PXN0	ARCM1 26.8TS OPENV	EUR											
Certificate	DE000VA7PXR1	ARCM1 27.2TS OPENV	EUR											
Certificate	DE000VA7PR55	ARCM1 27.4TS OPENV	EUR											
Certificate	DE000VA7PR89	ARCM1 27.6TS OPENV	EUR											
Certificate	NL0012795595	ARCM1 28.5BOC0619Z	EUR											
Certificate	NL0012792279	ARCM1 29.3BS OPENB	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	DE000CJ3P3A5	ARCM1 29.5TS 0319Z	EUR											
Certificate	NL0012796304	ARCM1 30.5BOC1219Z	EUR											
Certificate	NL0013003213	ARCM1 30.7BOC0919B	EUR	19,3400	19,3400	19,3400				19,3400				
Certificate	DE000CY52HY7	ARCM1 31.5TS OPENC	EUR	1,0800	1,0800	1,0800				1,0800				
Certificate	DE000CY52MF6	ARCM1 32.5TS OPENC	EUR	1,3300	1,3300	1,3300				1,3300				
Certificate	NL0012648984	ARCM1 34.5BOC0619Z	EUR											
Certificate	NL0011586532	ARCM1 4.93TL OPENH	EUR	6,5400	6,5400	6,5400				6,5400				
Certificate	NL0011602198	ARCM1 5.67TL OPENH	EUR	6,2500	6,2500	6,2500				6,2500				
Certificate	NL0011602180	ARCM1 5.91TL OPENH	EUR	6,1500	6,1500	6,1500				6,1500				
Certificate	NL0011586524	ARCM1 6.15TL OPENH	EUR	6,0600	6,0600	6,0600				6,0600				
Certificate	NL0011719851	ARCM1 8.78TL OPENH	EUR	3,9000	3,9000	3,9000				3,9000				
Certificate	DE000CX00TW7	ARCM1 9.81TL OPENC	EUR	3,6500	3,6500	3,6500				3,6500				
Certificate	DE000CN6KJ62	ARCM1 9.98TL OPENZ	EUR											
Certificate	NL0011719836	ARCM110.03TL OPENH	EUR	3,5200	3,5200	3,5200				3,5200				
Certificate	DE000CX010G6	ARCM110.65TL OPENC	EUR	3,2700	3,2700	3,2700				3,2700				
Certificate	NL0011719828	ARCM110.65TL OPENH	EUR	3,3300	3,3300	3,3300				3,3300				
Certificate	NL0011719810	ARCM111.28TL OPENH	EUR	3,1400	3,1400	3,1400				3,1400				
Certificate	NL0011796339	ARCM111.52BL OPENB	EUR	2,8200	2,8200	2,8200				2,8200				
Certificate	DE000CN6KTB4	ARCM112.37TL OPENZ	EUR											
Certificate	NL0011896584	ARCM113.16TL OPENH	EUR	2,5700	2,5700	2,5700				2,5700				
Certificate	DE000CD61TG4	ARCM113.34TL OPENZ	EUR											
Certificate	NL0011907332	ARCM114.71BL OPENB	EUR	1,8100	1,8100	1,7900	995,5000	1	1,7900	550				
Certificate	DE000CX599W5	ARCM114.97TL OPENC	EUR	1,9800	1,9800	1,9800				1,9800				
Certificate	NL0011930649	ARCM115.02TL OPENH	EUR	2,0100	2,0100	2,0100				2,0100				
Certificate	DE000CD624K0	ARCM115.02TL OPENZ	EUR											
Certificate	DE000CX59720	ARCM115.11TL OPENC	EUR	1,7600	1,7600	1,7600				1,7600				
Certificate	DE000VN66UN6	ARCM115.12TL OPENV	EUR											
Certificate	DE000VA90XA4	ARCM115.33TL OPENV	EUR											
Certificate	DE000CJ3PLA5	ARCM115.41TL OPENZ	EUR											
Certificate	DE000VA90XD8	ARCM115.53TL OPENV	EUR											
Certificate	DE000VN66UP1	ARCM115.62TL OPENV	EUR											
Certificate	DE000VA90VA8	ARCM115.89TL OPENV	EUR											
Certificate	DE000VA90TC8	ARCM116.09TL OPENV	EUR											
Certificate	DE000VN66R83	ARCM116.11TL OPENV	EUR											
Certificate	DE000VA8F5J7	ARCM116.32TL OPENV	EUR											
Certificate	NL0011979356	ARCM116.46TL OPENH	EUR	1,5700	1,5700	1,5700				1,5700				
Certificate	DE000VA8F5L3	ARCM116.52TL OPENV	EUR											
Certificate	DE000VN66SA7	ARCM116.61TL OPENV	EUR											
Certificate	DE000VA8F253	ARCM116.72TL OPENV	EUR											
Certificate	DE000VA8F261	ARCM116.92TL OPENV	EUR											
Certificate	DE000CD633E4	ARCM116.92TL OPENZ	EUR											
Certificate	DE000VN66SH2	ARCM117.11TL OPENV	EUR											
Certificate	DE000VN66SB5	ARCM117.11TL OPENV	EUR											
Certificate	DE000CJ3P265	ARCM117.25TL 0319Z	EUR											
Certificate	DE000VA8FZE3	ARCM117.25TL OPENV	EUR	2,4000	2,4000	2,3000	30200,0000	3	2,3000	13000				
Certificate	DE000CX59G94	ARCM117.35TL OPENC	EUR	1,0000	1,0000	1,0000				1,0000				
Certificate	DE000CD634U8	ARCM117.52TL OPENZ	EUR	0,7250	0,7250	0,7250				0,7250				
Certificate	DE000VN66UQ9	ARCM117.62TL OPENV	EUR											
Certificate	DE000VA8FXF5	ARCM117.76TL OPENV	EUR											
Certificate	NL0012028831	ARCM117.88BL OPENB	EUR	0,7300	0,7300	0,7300				0,7300				
Certificate	DE000VA8FXG3	ARCM117.96TL OPENV	EUR	1,6500	1,8700	1,6500	21845,0000	10	1,8000	12250				
Certificate	DE000VN66VT1	ARCM118.14TL OPENV	EUR											
Certificate	DE000VA8FXH1	ARCM118.16TL OPENV	EUR											
Certificate	DE000CD63JU2	ARCM118.71TL OPENZ	EUR	0,3900	0,3900	0,3100	2278,0000	6	0,3100	6200				
Certificate	DE000CJ3QGR7	ARCM118.75TL 0319Z	EUR	0,5400	0,5400	0,5400	97,2000	1	0,5400	180				
Certificate	NL0012330674	ARCM118.81TL OPENH	EUR	2,5800	2,5800	2,5800				2,5800				
Certificate	DE000VA71SA4	ARCM118.86TL OPENV	EUR											
Certificate	NL0012273916	ARCM118.92BL OPENB	EUR	1,2000	1,2000	1,0800	273,6000	2	1,1750	240				
Certificate	DE000VA71SC0	ARCM119.06TL OPENV	EUR											
Certificate	DE000CE6DQ61	ARCM119.13TL OPENZ	EUR	0,3100	0,4000	0,2700	16602,2000	21	0,2800	49838				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN66VU9	ARCM119.14TL OPENV	EUR											
Certificate	DE000VA715E6	ARCM119.26TL OPENV	EUR											
Certificate	NL0012333348	ARCM119.32TL OPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0012274344	ARCM119.44BL OPENB	EUR											
Certificate	DE000CX59PW1	ARCM119.47TL OPENC	EUR											
Certificate	DE000CJ3PJ0	ARCM119.58TL OPENZ	EUR											
Certificate	DE000VL5RUZ7	ARCM119.73TL OPENV	EUR											
Certificate	NL0012365415	ARCM119.74TL OPENH	EUR											
Certificate	DE000VA77C41	ARCM119.85TL OPENV	EUR											
Certificate	NL0013155948	ARCM119.93BL OPENB	EUR											
Certificate	NL0011526991	ARCM12.382BL OPENB	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000CE6DRS2	ARCM120.11TL OPENZ	EUR											
Certificate	NL0012366843	ARCM120.24TL OPENH	EUR											
Certificate	DE000VA7PXT7	ARCM120.25TL OPENV	EUR											
Certificate	DE000VA90XR8	ARCM120.35TS OPENV	EUR											
Certificate	DE000VA90TF1	ARCM120.49TL OPENV	EUR											
Certificate	DE000VA90W40	ARCM120.55TS OPENV	EUR											
Certificate	DE000VA90W81	ARCM120.75TS OPENV	EUR											
Certificate	NL0013157852	ARCM120.88BS OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000VA90W99	ARCM120.95TS OPENV	EUR											
Certificate	DE000VA90U91	ARCM121.15TS OPENV	EUR	1,4900	1,4950	1,4900	894,0000	1	1,4950	600				
Certificate	DE000VA90S04	ARCM121.35TS OPENV	EUR											
Certificate	NL0013156078	ARCM121.38BS OPENB	EUR	2,0500	2,2550	2,0000	3832,0000	3	2,1050	1800				
Certificate	DE000VA90S20	ARCM121.55TS OPENV	EUR											
Certificate	DE000CJ3QKAS	ARCM121.72TS OPENZ	EUR											
Certificate	NL0013185200	ARCM121.74TS OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000VA90S38	ARCM121.75TS OPENV	EUR											
Certificate	DE000CJ3QKX7	ARCM121.81TS OPENZ	EUR											
Certificate	NL0013155393	ARCM121.88BS OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000VA90S61	ARCM121.95TS OPENV	EUR											
Certificate	DE000VA90S87	ARCM122.15TS OPENV	EUR											
Certificate	DE000VA9C2V1	ARCM122.35TS OPENV	EUR											
Certificate	NL0013152234	ARCM122.38BS OPENB	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000VA9C019	ARCM122.55TS OPENV	EUR											
Certificate	LU1784831619	ARCM122.68TL OPENS	EUR											
Certificate	DE000VA9C027	ARCM122.75TS OPENV	EUR											
Certificate	NL0013152242	ARCM122.88BS OPENB	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	DE000VA9C035	ARCM122.95TS OPENV	EUR											
Certificate	DE000VA9CXT1	ARCM123.16TS OPENV	EUR											
Certificate	DE000CJ3QAF5	ARCM123.21TS OPENZ	EUR											
Certificate	DE000VA9CS08	ARCM123.36TS OPENV	EUR											
Certificate	NL0013149057	ARCM123.37BS OPENB	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	DE000VA8FXA6	ARCM123.58TS OPENV	EUR											
Certificate	LU1859830132	ARCM123.64TPIOPENS	EUR	4,3400	4,3400	4,3300			4,3300					
Certificate	DE000VA8FXB4	ARCM123.78TS OPENV	EUR											
Certificate	NL0013014897	ARCM123.87BS OPENB	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	DE000VA8FXC2	ARCM123.98TS OPENV	EUR											
Certificate	DE000VA8FXD0	ARCM124.18TS OPENV	EUR											
Certificate	NL0013014905	ARCM124.37BS OPENB	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	DE000VA1B430	ARCM124.37TL OPENV	EUR											
Certificate	DE000VA8FXE8	ARCM124.38TS OPENV	EUR											
Certificate	DE000VA1B5A7	ARCM124.42TL OPENV	EUR											
Certificate	DE000VA8FTH9	ARCM124.58TS OPENV	EUR											
Certificate	LU1841153874	ARCM124.67TPIOPENS	EUR	5,3600	5,3600	5,3500			5,3500					
Certificate	DE000CJ3PHL0	ARCM124.71TS OPENZ	EUR											
Certificate	DE000VA8FTJ5	ARCM124.78TS OPENV	EUR											
Certificate	DE000CJ3PIK8	ARCM124.81TS OPENZ	EUR											
Certificate	NL0013014384	ARCM124.87BS OPENB	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000VA3TK37	ARCM124.87TL OPENV	EUR											
Certificate	DE000VA1B455	ARCM124.87TL OPENV	EUR											
Certificate	DE000VA3TK45	ARCM124.94TL OPENV	EUR											
Certificate	DE000VA4RML0	ARCM124.95TL OPENV	EUR											
Certificate	DE000VA8FTK3	ARCM124.98TS OPENV	EUR											
Certificate	DE000VA8FTL1	ARCM125.18TS OPENV	EUR											
Certificate	LU1840979071	ARCM125.28TPIOPENS	EUR	5,9500	5,9500	5,9400			5,9400					
Certificate	NL0013008931	ARCM125.36BS OPENB	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	NL0013081748	ARCM125.38TS OPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000VA1GLK3	ARCM125.42TL OPENV	EUR											
Certificate	LU1784828318	ARCM125.52TL OPENS	EUR											
Certificate	NL0012796890	ARCM125.85BOC1219Z	EUR											
Certificate	NL0013008949	ARCM125.86BS OPENB	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000VA3TJE9	ARCM125.86TS OPENV	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3TJC3	ARCM125.88TS OPENV	EUR											
Certificate	DE000VA1SQL5	ARCM126.37TL OPENV	EUR											
Certificate	LU1840911355	ARCM126.39TPIOPENS	EUR	7,0500	7,0500	7,0400			7,0400					
Certificate	DE000CJ3N427	ARCM126.71TS OPENZ	EUR											
Certificate	DE000CX59XR5	ARCM126.77TS OPENC	EUR											
Certificate	DE000VA3TEH3	ARCM126.86TL OPENV	EUR											
Certificate	DE000CF50UK2	ARCM126.87TS OPENC	EUR											
Certificate	NL0012907935	ARCM126.87TS OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000CX59V87	ARCM126.88TS OPENC	EUR											
Certificate	NL0013004013	ARCM127.34BS OPENB	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	LU1840911439	ARCM127.37TPIOPENS	EUR	8,0200	8,0200	8,0100			8,0100					
Certificate	DE000CJ3N1H6	ARCM127.77TS OPENZ	EUR											
Certificate	DE000VA64X09	ARCM127.81TS OPENV	EUR											
Certificate	DE000VA3TEM3	ARCM127.89TS OPENV	EUR											
Certificate	NL0012936702	ARCM127.94TS OPENH	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	DE000VAGT2E1	ARCM128.02TS OPENV	EUR											
Certificate	DE000VASEMZ5	ARCM128.27TS OPENV	EUR											
Certificate	NL0012917215	ARCM128.36TS OPENH	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	DE000VA3KN66	ARCM128.39TS OPENV	EUR											
Certificate	DE000VAGT2F8	ARCM128.42TS OPENV	EUR											
Certificate	LU1790568957	ARCM128.66TPIOPENS	EUR	9,1400	9,1400	9,1300			9,1300					
Certificate	DE000CV89K03	ARCM128.69TS OPENZ	EUR											
Certificate	NL0012917207	ARCM128.86TS OPENH	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	DE000VA3ECM9	ARCM128.86TS OPENV	EUR											
Certificate	DE000VA3ECL1	ARCM128.89TS OPENV	EUR											
Certificate	DE000VAGEFW4	ARCM128.94TS OPENV	EUR											
Certificate	DE000VA2T888	ARCM129.36TS OPENV	EUR											
Certificate	NL0012912018	ARCM129.39TS OPENH	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	DE000VA2T786	ARCM129.41TS OPENV	EUR											
Certificate	DE000VAGT2G6	ARCM129.42TS OPENV	EUR											
Certificate	LU1790010802	ARCM129.55TPIOPENS	EUR	9,9200	9,9200	9,9100			9,9100					
Certificate	NL0012862486	ARCM129.77TS OPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0012792287	ARCM129.79BS OPENB	EUR	10,5150	10,5150	10,5150			10,5150					
Certificate	DE000VA15RY3	ARCM129.88TS OPENV	EUR											
Certificate	DE000VAGEF04	ARCM129.94TS OPENV	EUR											
Certificate	DE000VA15RW7	ARCM129.94TS OPENV	EUR											
Certificate	DE000CN6HKA1	ARCM13.252TL OPENZ	EUR											
Certificate	NL0011525878	ARCM13.637BL OPENB	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012862478	ARCM130.27TS OPENH	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	NL0012700629	ARCM130.28BS OPENB	EUR	11,0050	11,0050	11,0050			11,0050					
Certificate	DE000VA15RZ0	ARCM130.38TS OPENV	EUR											
Certificate	DE000VAGT2H4	ARCM130.42TS OPENV	EUR											
Certificate	DE000VA15RX5	ARCM130.44TS OPENV	EUR											
Certificate	DE000CV892T2	ARCM130.69TS OPENZ	EUR											
Certificate	NL0012556054	ARCM130.86TS OPENH	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000VAGEF46	ARCM130.94TS OPENV	EUR											
Certificate	NL0012581565	ARCM130.96TS OPENH	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	DE000VA1GLG1	ARCM131.03TS OPENV	EUR											
Certificate	LU1784828664	ARCM131.19TS OPENS	EUR											
Certificate	DE000CV428W0	ARCM131.32TS OPENZ	EUR											
Certificate	DE000VL2FXV6	ARCM131.43TS OPENV	EUR											
Certificate	DE000VA15QD2	ARCM131.53TS OPENV	EUR											
Certificate	DE000VAGEF79	ARCM131.54TS OPENV	EUR											
Certificate	DE000VA187H8	ARCM131.64TS OPENV	EUR											
Certificate	DE000VAGEGA8	ARCM131.74TS OPENV	EUR											
Certificate	NL0012559850	ARCM131.85TS OPENH	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	DE000VAGEGE0	ARCM131.94TS OPENV	EUR											
Certificate	DE000VA15QF7	ARCM132.03TS OPENV	EUR											
Certificate	DE000VA15RF5	ARCM132.53TS OPENV	EUR											
Certificate	DE000CV428F5	ARCM132.68TS OPENZ	EUR											
Certificate	DE000VLSRY53	ARCM132.83TS OPENV	EUR											
Certificate	NL0012904619	ARCM132.89TS OPENH	EUR	16,8200	16,8200	16,8200			16,8200					
Certificate	DE000VA15RG3	ARCM133.03TS OPENV	EUR											
Certificate	NL0012547541	ARCM133.19TS OPENH	EUR	17,1500	17,1500	17,1500			17,1500					
Certificate	DE000VA15RH1	ARCM133.53TS OPENV	EUR											
Certificate	LU1784828581	ARCM134.02TS OPENS	EUR											
Certificate	DE000VAGT001	ARCM134.13TS OPENV	EUR											
Certificate	DE000VAGT019	ARCM134.33TS OPENV	EUR											
Certificate	DE000VA12FW0	ARCM134.48TS OPENV	EUR											
Certificate	NL0012847156	ARCM134.67TS OPENH	EUR	18,7800	18,7800	18,7800			18,7800					
Certificate	NL0012556047	ARCM134.78TS OPENH	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	DE000VA15L94	ARCM134.98TS OPENV	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA15MA4	ARCMI35.48TS OPENV	EUR											
Certificate	DE000CV4ZJ52	ARCMI35.68TS OPENZ	EUR											
Certificate	DE000VA15MB2	ARCMI35.98TS OPENV	EUR											
Certificate	NL0012556039	ARCMI36.74TS OPENH	EUR	21,0900	21,0900	21,0900			21,0900					
Certificate	NL0011523022	ARCMI4.893BL OPENB	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0011435698	ARCMI6.149BL OPENB	EUR	5,9950	5,9950	5,9950			5,9950					
Certificate	DE000CN6K8W2	ARCMI7.799TL OPENZ	EUR											
Certificate	NL0011657093	ARCMI9.906BL OPENB	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0013010531	ARGX 57.88L OPENB	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0013157993	ARGX 77.88L OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013149941	ARGX 106.88S OPENB	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CJ3NVE1	ARGX 35.24TL OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CJ3NSJ6	ARGX 40.67TL OPENZ	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0013008634	ARGX 42.75BL OPENB	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000CJ3NTA3	ARGX 43.22TL OPENZ	EUR	2,2100	2,2150	2,2100	1547,0000	1	2,2150	700				
Certificate	DE000CV88DJ7	ARGX 45.76TL OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0013005069	ARGX 47.76BL OPENB	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000CJ3NTB1	ARGX 49.12TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CV88DK5	ARGX 51.65TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0013001688	ARGX 52.79BL OPENB	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CJ3N8U4	ARGX 56.74TL OPENZ	EUR	1,5800	1,5950	1,5800	9480,0000	2	1,5950	6000				
Certificate	DE000CJ3PB25	ARGX 61.75TL OPENZ	EUR	1,3400	1,3550	1,3400	2680,0000	1	1,3550	2000				
Certificate	NL0013013212	ARGX 62.81BL OPENB	EUR	2,3200	2,3200	2,2250	1856,0000	1	2,2250	800				
Certificate	DE000CJ3PV62	ARGX 67.75TL OPENZ	EUR	1,1000	1,1000	1,0750	11000,0000	2	1,0750	10000				
Certificate	NL0013147077	ARGX 67.81BL OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0013155955	ARGX 72.81BL OPENB	EUR	1,1200	1,2750	1,0950	237,0000	2	1,2250	200				
Certificate	DE000CJ3QH89	ARGX 73.75TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3QLK2	ARGX 79.75TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013153562	ARGX 86.85BS OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0012998157	ARGX 96.83BS OPENB	EUR	1,6000	1,6000	1,4550	6400,0000	1	1,4550	4000				
Certificate	NL0010011102	ASCX 240TL OPENB	EUR	70,0450	70,0450	70,0450			70,0450					
Certificate	NL0010651907	ASMI 19TL OPENB	EUR	20,0100	20,0100	20,0100			20,0100					
Certificate	NL0011410824	ASMI 21TL OPENH	EUR	17,9300	18,1800	17,9300			18,1800					
Certificate	DE000CP23235	ASMI 28TL OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012026793	ASMI 31TL OPENB	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000CP06W72	ASMI 32TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CP06ZB1	ASMI 32TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0011990874	ASMI 32TL OPENH	EUR	7,7700	8,0200	7,6900	1538,0000	1	8,0200	200				
Certificate	NL0011991294	ASMI 33TL OPENH	EUR	6,8100	7,0600	6,8100			7,0600					
Certificate	DE000CP06W80	ASMI 34TL OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CP06ZC9	ASMI 34TL OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	LU1876929388	ASMI 35TCIOPENS	EUR	3,0600	3,0600	2,8800			2,8800					
Certificate	LU1876929461	ASMI 36TCIOPENS	EUR	2,0900	2,0900	1,9100			1,9100					
Certificate	LU1876929545	ASMI 37TCIOPENS	EUR											
Certificate	LU1876934032	ASMI 38TCIOPENS	EUR	1,2300	1,4100	1,2300			1,4100					
Certificate	NL0013152721	ASMI 38TS OPENB	EUR											
Certificate	LU1876934115	ASMI 39TCIOPENS	EUR	2,1900	2,3800	2,1900			2,3800					
Certificate	LU1876934206	ASMI 40TCIOPENS	EUR	3,1700	3,3500	3,1700			3,3500					
Certificate	DE000CP23243	ASMI 40TS OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	LU1876934388	ASMI 41TCIOPENS	EUR	4,1400	4,3200	4,1400			4,3200					
Certificate	NL0013149669	ASMI 41TS OPENB	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	LU1876934461	ASMI 42TCIOPENS	EUR	5,1200	5,3000	5,1200			5,3000					
Certificate	DE000CP23250	ASMI 42TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013110547	ASMI 43BOCD919Z	EUR	36,7500	36,7500	36,7500			36,7500					
Certificate	LU1876934545	ASMI 44TCIOPENS	EUR	7,0800	7,2700	7,0800			7,2700					
Certificate	NL0013148687	ASMI 44TS OPENB	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	DE000CP06WAO	ASMI 45TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CQ5AUC0	ASMI 46TL OPENC	EUR											
Certificate	DE000CP06WB8	ASMI 46TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CP06ZF2	ASMI 46TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CQ5ASE0	ASMI 48TL OPENC	EUR											
Certificate	DE000CQ5AUD8	ASMI 48TL OPENC	EUR											
Certificate	DE000CP06ZG0	ASMI 48TS OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CP06WC6	ASMI 48TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CQ58BDU6	ASMI 50TL OPENC	EUR											
Certificate	DE000CQ58F61	ASMI 50TL OPENC	EUR											
Certificate	DE000CQ5AP29	ASMI 52TL OPENC	EUR											
Certificate	DE000CQ5AP37	ASMI 54TL OPENC	EUR											
Certificate	DE000CQ5AP45	ASMI 55TL OPENC	EUR											
Certificate	DE000CQ5AP52	ASMI 65TS OPENC	EUR											
Certificate	DE000CQ5AP60	ASMI 68TS OPENC	EUR											
Certificate	DE000CQ5AP78	ASMI 70TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5AP86	ASMI 72TS OPENC	EUR											
Certificate	NL0009261726	ASMI 2.6TL OPENB	EUR	34,9400	34,9400	34,9400			34,9400					
Certificate	NL0010012670	ASMI 11.9TL OPENB	EUR	26,5200	26,5200	26,5200				26,5200				
Certificate	NL0010606000	ASMI 16.6TL OPENB	EUR	22,2300	22,2300	22,2300				22,2300				
Certificate	NL0011044318	ASMI 18.7TL OPENH	EUR	20,0800	20,3300	20,0800				20,3300				
Certificate	NL0010896023	ASMI 21.4TL OPENB	EUR	17,8900	17,8900	17,8900				17,8900				
Certificate	NL0011410816	ASMI 21.6TL OPENH	EUR	17,4500	17,6900	17,4500				17,6900				
Certificate	NL0011410808	ASMI 22.6TL OPENH	EUR	16,4700	16,7100	16,4700				16,7100				
Certificate	DE000CR9RIK1	ASMI 24.1TL OPENZ	EUR	13,5500	13,5500	13,5500				13,5500				
Certificate	NL0011441332	ASMI 24.6TL OPENB	EUR	14,9200	14,9200	14,9200				14,9200				
Certificate	NL0011731674	ASMI 25.7TL OPENH	EUR	13,5500	13,8000	13,5500				13,8000				
Certificate	NL0011443866	ASMI 26.2TL OPENB	EUR	13,5000	13,5000	13,5000				13,5000				
Certificate	NL0011720602	ASMI 27.8TL OPENH	EUR	11,6700	11,9200	11,6700				11,9200				
Certificate	NL0011971551	ASMI 28.9TL OPENH	EUR	10,6600	10,9100	10,6600				10,9100				
Certificate	NL0011975602	ASMI 29.7TL OPENH	EUR	9,8300	10,0800	9,8300				10,0800				
Certificate	NL0011976006	ASMI 30.8TL OPENH	EUR	8,8700	9,1200	8,8700				9,1200				
Certificate	NL0012028435	ASMI 32.5TL OPENB	EUR	7,7700	7,7700	7,7700				7,7700				
Certificate	NL0012039994	ASMI 34.1TL OPENB	EUR	6,3100	6,3100	6,3100				6,3100				
Certificate	NL0011992797	ASMI 34.1TL OPENH	EUR	5,7700	6,0200	5,7700				6,0200				
Certificate	NL0013156466	ASMI 35.1TL OPENB	EUR	5,3800	5,3800	5,3800				5,3800				
Certificate	NL0013157381	ASMI 36.1TL OPENB	EUR	4,4700	4,4700	4,4700				4,4700				
Certificate	NL0013184880	ASMI 37.7TS OPENH	EUR											
Certificate	NL0013132863	ASMI 39.7TS OPENH	EUR	5,4700	5,4700	5,4700				5,4700				
Certificate	DE000C3P7G3	ASMI 41.7TS OPENZ	EUR	0,8800	0,8800	0,8800				0,8800				
Certificate	NL0013130370	ASMI 43.7TS OPENH	EUR	9,7600	9,7700	9,7600				9,7700				
Certificate	NL0013110687	ASMI 44.1BOC0919Z	EUR	38,1000	38,1000	38,1000				38,1000				
Certificate	NL0012905848	ASMI 45.7TS OPENH	EUR	12,0200	12,0300	12,0200				12,0300				
Certificate	NL0012796502	ASMI 46.5BOC1219Z	EUR	37,0300	37,0300	37,0300				37,0300				
Certificate	NL0012994826	ASMI 46.5BS OPENB	EUR	0,9750	0,9750	0,9750				0,9750				
Certificate	NL0012987911	ASMI 47.5TS OPENB	EUR	15,6100	15,6100	15,6100				15,6100				
Certificate	NL0012936116	ASMI 47.7TS OPENH	EUR	14,0900	14,1000	14,0900				14,1000				
Certificate	NL0012918544	ASMI 48.7TS OPENH	EUR	15,1900	15,2000	15,1900				15,2000				
Certificate	NL0012795678	ASMI 49.5BOC0619Z	EUR	36,1100	36,1100	36,1100				36,1100				
Certificate	NL0012795686	ASMI 49.5BOC0919Z	EUR	37,8500	37,8500	37,8500				37,8500				
Certificate	NL0012936595	ASMI 49.7TS OPENH	EUR	16,2400	16,2500	16,2400				16,2500				
Certificate	NL0012918536	ASMI 50.7TS OPENH	EUR	17,3300	17,3400	17,3300				17,3400				
Certificate	NL0012611909	ASMI 52.7TS OPENH	EUR	19,5400	19,5500	19,5400				19,5500				
Certificate	NL0012608467	ASMI 54.7TS OPENH	EUR	21,6300	21,6400	21,6300				21,6400				
Certificate	NL0012598320	ASMI 56.6TS OPENH	EUR	23,7500	23,7500	23,7500				23,7500				
Certificate	NL0012585178	ASMI 60.4TS OPENH	EUR	27,7800	27,7800	27,7800				27,7800				
Certificate	NL0012536437	ASMI 61.7TS OPENH	EUR	29,2200	29,2200	29,2200				29,2200				
Certificate	NL0012242044	ASMI 64.3TS OPENH	EUR	32,0400	32,0400	32,0400				32,0400				
Certificate	NL0012773584	ASMI 64.9TS OPENB	EUR	34,9000	34,9000	34,9000				34,9000				
Certificate	NL0012537476	ASMI 73.4TS OPENH	EUR	41,8700	41,8700	41,8700				41,8700				
Certificate	DE000CN6F9B1	ASMI 28.86TL OPENZ	EUR	8,4500	8,8100	8,4500	845,0000	1	8,8100	100				
Certificate	NL0013017544	ASMI 29.34BL OPENB	EUR	0,8450	0,8450	0,8450				0,8450				
Certificate	LU1859831700	ASMI 30.27TCIOPENS	EUR	7,6300	7,6300	7,4500				7,4500				
Certificate	DE000CN6FDQ6	ASMI 30.42TL OPENZ	EUR	7,2600	7,2600	7,2600				7,2600				
Certificate	NL0013014764	ASMI 31.34BL OPENB	EUR	0,6450	0,6450	0,6450				0,6450				
Certificate	DE000CD63294	ASMI 32.39TL OPENZ	EUR	5,0200	5,3200	5,0200	85,3400	1	5,3200	17				
Certificate	NL0013007586	ASMI 33.35BL OPENB	EUR	0,4350	0,4350	0,4350				0,4350				
Certificate	LU1859845247	ASMI 33.45TCIOPENS	EUR	4,5100	4,5100	4,3300				4,3300				
Certificate	DE000C3PL15	ASMI 34.38TL OPENZ	EUR	0,6900	0,6900	0,6800	345,0000	1	0,6800	500				
Certificate	NL0013155963	ASMI 35.35BL OPENB	EUR	0,2350	0,2350	0,2350				0,2350				
Certificate	DE000C3QE21	ASMI 38.21TS OPENZ	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	NL0013152259	ASMI 38.51BS OPENB	EUR	0,1750	0,1750	0,1750				0,1750				
Certificate	NL0013149065	ASMI 42.51BS OPENB	EUR	0,5750	0,5750	0,5750				0,5750				
Certificate	DE000C3NZ45	ASMI 45.68TS OPENZ	EUR	1,6600	1,6600	1,6600				1,6600				
Certificate	LU1790510876	ASMI 47.85TCIOPENS	EUR	11,3900	11,5800	11,3900				11,5800				
Certificate	NL0012795348	ASMI 48.67BOC0319Z	EUR	44,0200	44,0200	44,0200				44,0200				
Certificate	NL0012795330	ASMI 48.67BOC1218Z	EUR	40,6300	40,6300	40,6300				40,6300				
Certificate	DE000CV89L44	ASMI 49.65TS OPENZ	EUR	2,4500	2,4500	2,4500				2,4500				
Certificate	NL0012994420	ASMI 50.46BS OPENB	EUR	1,3650	1,3650	1,3650				1,3650				
Certificate	LU1859913185	ASMI 53.02TCIOPENS	EUR	15,9600	16,1500	15,9600				16,1500				
Certificate	DE000CV88G67	ASMI 53.64TS OPENZ	EUR	3,2200	3,2500	3,2200	209,3000	1	3,2500	65				
Certificate	DE000CE6CHG6	ASMI 57.61TS OPENZ	EUR	4,0400	4,0400	4,0400				4,0400				
Certificate	DE000CE6BQO8	ASMLH LEVOPENZ	EUR	58,3100	61,1300	58,3100	58331,2000	14	60,0000	970				
Certificate	DE000CE6BQF1	ASMLH SHROPEZ	EUR	2,2770	2,2770	2,2770				2,2770				
Certificate	NL0009261080	ASMLH 17TL OPENB	EUR	134,2300	134,2300	134,2300				134,2300				
Certificate	NL0011413372	ASMLH 33TL OPENH	EUR	11,9000	11,9000	11,9000				11,9000				
Certificate	DE000CW42KK5	ASMLH 70TL OPENC	EUR	8,2600	8,2600	8,2600				8,2600				
Certificate	DE000CW42P86	ASMLH 70TL OPENC	EUR	8,6100	8,6100	8,6100				8,6100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011712799	ASMLH 77TL OPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000CX012B6	ASMLH 80TL OPENC	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CX599D5	ASMLH 90TL OPENC	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CY502D8	ASMLH 100TL OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CY16X86	ASMLH 100TL OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CY0ARY1	ASMLH 110TL OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CY0AU62	ASMLH 110TL OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CY50UF3	ASMLH 115TL OPENC	EUR	3,6500	3,6500	3,6500	73,0000	1	3,6500	20				
Certificate	DE000CY50WU8	ASMLH 115TL OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CY50NC5	ASMLH 120TL OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CY50N28	ASMLH 120TL OPENC	EUR	2,9600	3,1300	2,9500	6832,0000	2	3,1300	2200				
Certificate	DE000CV88CH2	ASMLH 123TL 1218Z	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA71UT0	ASMLH 125TL 0319V	EUR											
Certificate	DE000CY50UG1	ASMLH 125TL OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CY50WV6	ASMLH 125TL OPENC	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000VA71P34	ASMLH 130TL 0319V	EUR											
Certificate	DE000VA8FYT4	ASMLH 130TL 1218V	EUR											
Certificate	DE000CY51BS4	ASMLH 130TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY51A30	ASMLH 130TL OPENC	EUR	2,0000	2,1400	1,8800	2945,0000	2	2,1400	1500				
Certificate	DE000CV88EM8	ASMLH 133TL 1218Z	EUR	1,7150	1,9200	1,7150	5866,4000	7	1,8700	3351				
Certificate	DE000VA77D16	ASMLH 135TL 0319V	EUR											
Certificate	DE000VA71US2	ASMLH 135TL 1218V	EUR											
Certificate	NL0012495493	ASMLH 135TL OPENB	EUR	25,4000	25,4000	24,4500	1270,0000	1	24,4500	50				
Certificate	DE000CY51IU3	ASMLH 135TL OPENC	EUR	1,4700	1,6200	1,4300	115499,5000	23	1,6200	78700				
Certificate	DE000CY51GN4	ASMLH 135TL OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0013156474	ASMLH 138TL OPENB	EUR	2,3000	2,3000	2,1650	1150,0000	1	2,1650	500				
Certificate	LU1876929628	ASMLH 140TCIOPENS	EUR	1,0400	1,0800	1,0400			1,0800					
Certificate	DE000VA90SG1	ASMLH 140TL 0319V	EUR											
Certificate	DE000CP234H0	ASMLH 140TL OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CQ58YT4	ASMLH 140TL OPENC	EUR											
Certificate	NL0013157399	ASMLH 141TL OPENB	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0013157407	ASMLH 144TL OPENB	EUR	1,6400	1,6400	1,6050	1640,0000	1	1,6050	1000				
Certificate	LU1876929891	ASMLH 145TCIOPENS	EUR	0,5400	0,6200	0,5400	22200,0000	4	0,5800	37000				
Certificate	DE000CP06KF4	ASMLH 150TL OPENC	EUR											
Certificate	LU1876934628	ASMLH 150TPPIOPENS	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000VA9CST8	ASMLH 150TS 0319V	EUR											
Certificate	DE000CP23268	ASMLH 150TS OPENC	EUR											
Certificate	DE000CP234J6	ASMLH 150TS OPENC	EUR											
Certificate	NL0012494520	ASMLH 151BOC1218B	EUR	150,6000	150,6000	150,6000			150,6000					
Certificate	LU1876934891	ASMLH 155TPPIOPENS	EUR	0,6200	0,6200	0,5800			0,5800					
Certificate	DE000VA9C2K4	ASMLH 155TS 0319V	EUR											
Certificate	DE000CP23276	ASMLH 155TS OPENC	EUR	0,6300	0,6400	0,4300	701,7500	5	0,4700	1271				
Certificate	LU1876934974	ASMLH 160TPPIOPENS	EUR	1,1100	1,1100	1,0800			1,0800					
Certificate	DE000VA8FSH1	ASMLH 160TS 0319V	EUR											
Certificate	DE000VA8FSJ7	ASMLH 160TS 1218V	EUR											
Certificate	DE000CQ58YU2	ASMLH 160TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012796908	ASMLH 161BOC0619Z	EUR	153,5200	153,5200	153,5200			153,5200					
Certificate	DE000CJ3QFG2	ASMLH 164TS 0319Z	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CQ58006	ASMLH 165TL OPENC	EUR											
Certificate	DE000VA710Z5	ASMLH 165TS 0319V	EUR											
Certificate	DE000CQ58VY0	ASMLH 165TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012648760	ASMLH 166BON0619Z	EUR	152,8950	152,8950	152,8950			152,8950					
Certificate	NL0012676258	ASMLH 168BOC1218B	EUR	166,7000	166,7000	166,7000			166,7000					
Certificate	NL0012796924	ASMLH 168BOC1219Z	EUR	152,6500	152,6500	152,6500			152,6500					
Certificate	DE000VA6D9W6	ASMLH 168TS 1218V	EUR											
Certificate	NL0012648299	ASMLH 170BOC1218Z	EUR	169,4050	169,4050	169,4050			169,4050					
Certificate	DE000CQ58DX0	ASMLH 170TL OPENC	EUR											
Certificate	DE000CQ58F95	ASMLH 170TL OPENC	EUR											
Certificate	DE000VA7PUQ9	ASMLH 170TS 0319V	EUR											
Certificate	DE000VA6D6P6	ASMLH 170TS 1218V	EUR											
Certificate	DE000CP06743	ASMLH 170TS OPENC	EUR	1,9000	2,0000	1,9000	3950,0000	3	1,9000	2000				
Certificate	DE000CP06751	ASMLH 170TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000VA6D6Q4	ASMLH 172TS 1218V	EUR											
Certificate	DE000VA6D6R2	ASMLH 174TS 1218V	EUR											
Certificate	DE000CJ3N2P7	ASMLH 174TS 1218Z	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000VA7PUR7	ASMLH 175TS 0319V	EUR											
Certificate	DE000CP06750	ASMLH 175TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012648307	ASMLH 176BOC0619Z	EUR	165,3800	165,3800	165,3800			165,3800					
Certificate	NL0012648992	ASMLH 176BOC1218Z	EUR	174,9150	174,9150	174,9150			174,9150					
Certificate	DE000VA6D6S0	ASMLH 176TS 1218V	EUR											
Certificate	NL0012796338	ASMLH 178BOC0919Z	EUR	153,6200	153,6200	153,6200			153,6200					
Certificate	DE000VA6D6G5	ASMLH 178TS 1218V	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PUS5	ASMLH 180TS 0319V	EUR											
Certificate	DE000VA5RG09	ASMLH 180TS 1218V	EUR											
Certificate	DE000CQ58T16	ASMLH 180TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CQ58UV8	ASMLH 180TS OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000VA5RG25	ASMLH 182TS 1218V	EUR											
Certificate	NL0013148794	ASMLH 183BOC1219B	EUR	153,1000	153,1000	153,1000			153,1000					
Certificate	DE000CJ3P3D9	ASMLH 184TS 0319Z	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	NL0012795314	ASMLH 185BOC0319Z	EUR	163,6500	163,6500	163,6500			163,6500					
Certificate	NL0013003221	ASMLH 185BOC0919B	EUR	152,2000	152,6000	151,8000	76100,0000	1	151,8000	500				
Certificate	DE000VA7PUT3	ASMLH 185TS 0319V	EUR											
Certificate	DE000VA5RB79	ASMLH 185TS 1218V	EUR											
Certificate	DE000CP060A4	ASMLH 185TS OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012796346	ASMLH 187BOC1219Z	EUR	151,6500	151,6500	151,6500			151,6500					
Certificate	NL0012649008	ASMLH 188BOC0619Z	EUR	164,5200	164,5200	164,5200			164,5200					
Certificate	DE000VA5ENX8	ASMLH 188TS 1218V	EUR											
Certificate	DE000VA4YS72	ASMLH 188TS 1218V	EUR											
Certificate	DE000VA7PUU1	ASMLH 190TS 0319V	EUR											
Certificate	DE000VA4YNP5	ASMLH 190TS 1218V	EUR											
Certificate	DE000CQ58BK8	ASMLH 190TS OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CQ58T24	ASMLH 190TS OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CY51UR6	ASMLH 190TS OPENC	EUR											
Certificate	DE000CY521W8	ASMLH 190TS OPENC	EUR											
Certificate	DE000VA4YNQ3	ASMLH 192TS 1218V	EUR											
Certificate	DE000VA4YNR1	ASMLH 194TS 1218V	EUR											
Certificate	DE000CV8B9A8	ASMLH 194TS 1218Z	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0012795561	ASMLH 196BOC0919Z	EUR	154,3500	154,3500	154,3500			154,3500					
Certificate	DE000VA4YN85	ASMLH 196TS 1218V	EUR											
Certificate	DE000VA4YN93	ASMLH 198TS 1218V	EUR											
Certificate	NL0012987309	ASMLH 200BOC0619B	EUR	158,6000	158,6000	158,6000			158,6000					
Certificate	DE000VA4YPA2	ASMLH 200TS 1218V	EUR											
Certificate	DE000CY51X58	ASMLH 200TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CQ58030	ASMLH 200TS OPENC	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CY52M19	ASMLH 200TS OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000VA4YPB0	ASMLH 202TS 1218V	EUR											
Certificate	DE000CQ58D25	ASMLH 205TS OPENC	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000CQ5ACP0	ASMLH 210TS OPENC	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CV8AB63	ASMLH 214TS 1218Z	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CQ582D0	ASMLH 220TS OPENC	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000CQ58048	ASMLH 220TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CQ58E05	ASMLH 230TS OPENC	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CV8AB71	ASMLH 234TS 1218Z	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000VL2FR59	ASMLH 111.TL OPENV	EUR											
Certificate	NL0012105852	ASMLH 112.BL OPENB	EUR	39,1800	39,1800	39,1800			39,1800					
Certificate	LU1573600514	ASMLH 115.TCIOPENS	EUR	3,3100	3,3500	3,3100			3,3500					
Certificate	DE000CE6C2G7	ASMLH 117.TL OPENZ	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	NL0012278279	ASMLH 127.BL OPENB	EUR	25,0200	25,0200	23,8300	5316,4000	3	24,5700	220				
Certificate	DE000VL2FSP4	ASMLH 127.TL OPENV	EUR											
Certificate	DE000VL2FTL1	ASMLH 129.TL OPENV	EUR	2,1200	2,1250	1,9050	4261,8000	2	1,9050	2040				
Certificate	DE000VL2FTM9	ASMLH 131.TL OPENV	EUR											
Certificate	DE000VA3TK60	ASMLH 166.TL OPENV	EUR											
Certificate	LU1817217232	ASMLH 169.TPIOPENS	EUR	1,9100	1,9100	1,8700			1,8700					
Certificate	DE000VA2T6G1	ASMLH 170.TL OPENV	EUR											
Certificate	DE000VA2T6H9	ASMLH 172.TL OPENV	EUR											
Certificate	DE000VA2T6W8	ASMLH 174.TL OPENV	EUR											
Certificate	DE000VA3TEN1	ASMLH 176.TL OPENV	EUR											
Certificate	NL0009560325	ASMLH 18.3TL OPENB	EUR	133,0000	133,0000	133,0000			133,0000					
Certificate	DE000VA5RGP0	ASMLH 180.TS OPENV	EUR											
Certificate	DE000VA5RGQ8	ASMLH 182.TS OPENV	EUR											
Certificate	NL0012988497	ASMLH 183.BS OPENB	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	LU1816971995	ASMLH 184.TPIOPENS	EUR	3,3600	3,3600	3,3200			3,3200					
Certificate	DE000CV87Y25	ASMLH 214.TS OPENZ	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	NL0010013769	ASMLH 32.5TL OPENB	EUR	119,7800	119,7800	119,7800			119,7800					
Certificate	NL0011040100	ASMLH 41.2TL OPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	NL0010249538	ASMLH 42.6TL OPENB	EUR	110,4200	110,4200	110,4200			110,4200					
Certificate	NL0010283610	ASMLH 46.8TL OPENB	EUR	106,5100	106,5100	106,5100			106,5100					
Certificate	NL0010376752	ASMLH 49.4TL OPENB	EUR	104,0700	104,0700	104,0700			104,0700					
Certificate	NL0011039334	ASMLH 51.9TL OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0010378121	ASMLH 52.3TL OPENB	EUR	101,3200	101,3200	101,3200			101,3200					
Certificate	NL0010379350	ASMLH 54.8TL OPENB	EUR	99,0100	99,0100	99,0100			99,0100					
Certificate	NL0011040092	ASMLH 57.2TL OPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	NL0010657052	ASMLH 57.9TL OPENB	EUR	96,2000	96,2000	96,2000			96,2000					
Certificate	NL0010658597	ASMLH 60.7TL OPENB	EUR	93,5400	93,5400	93,5400			93,5400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011039326	ASMLH 62.5TL OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0011539242	ASMLH 63.1BL OPENB	EUR	88,0200	88,0200	88,0200			88,0200					
Certificate	NL0010764122	ASMLH 66.5TL OPENB	EUR	88,1400	88,1400	88,1400			88,1400					
Certificate	NL0011040084	ASMLH 67.8TL OPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0011413364	ASMLH 68.7TL OPENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0010893483	ASMLH 69.1TL OPENB	EUR	85,7700	85,7700	85,7700			85,7700					
Certificate	NL0011649447	ASMLH 72.3TL OPENB	EUR	82,7900	82,7900	82,7900			82,7900					
Certificate	NL0011712815	ASMLH 72.8TL OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	NL0011712807	ASMLH 74.9TL OPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0011651948	ASMLH 75.4TL OPENB	EUR	79,8800	79,8800	79,8800			79,8800					
Certificate	NL0011650767	ASMLH 76.1BL OPENB	EUR	75,0200	75,0200	75,0200			75,0200					
Certificate	NL0011712781	ASMLH 79.1TL OPENH	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	NL0011891015	ASMLH 83.2TL OPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0011926720	ASMLH 87.4TL OPENH	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0011906318	ASMLH 88.9TL OPENB	EUR	67,3700	67,3700	67,3700			67,3700					
Certificate	NL0012030340	ASMLH 90.8TL OPENB	EUR	65,5300	65,5300	65,5300			65,5300					
Certificate	NL0011993555	ASMLH 91.5TL OPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0012048995	ASMLH 93.5TL OPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012040687	ASMLH 94.9TL OPENB	EUR	61,7200	61,7200	61,7200			61,7200					
Certificate	NL0012099741	ASMLH 97.1TL OPENB	EUR	59,7300	59,7300	59,7300			59,7300					
Certificate	NL0012052708	ASMLH 98.6TL OPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012100457	ASMLH 99.1TL OPENB	EUR	57,8100	57,8100	57,8100			57,8100					
Certificate	DE000CD644R3	ASMLH100.7TL OPENZ	EUR	48,6100	48,6100	48,6100			48,6100					
Certificate	NL0012100465	ASMLH101.2TL OPENB	EUR	55,8900	55,8900	55,8900			55,8900					
Certificate	LU1477223546	ASMLH101.3TCIOPENS	EUR	46,9400	47,3600	46,9400			47,3600					
Certificate	NL0012100325	ASMLH101.5BL OPENB	EUR	49,6800	49,6800	49,6800			49,6800					
Certificate	NL0012101174	ASMLH103.3TL OPENB	EUR	53,9800	53,9800	53,9800			53,9800					
Certificate	NL0012100333	ASMLH103.6BL OPENB	EUR	47,5700	47,5700	47,5700			47,5700					
Certificate	DE000CD64656	ASMLH105.7TL OPENZ	EUR	43,6300	43,6300	43,6300			43,6300					
Certificate	NL0012105688	ASMLH107.5TL OPENB	EUR	50,0700	50,0700	50,0700			50,0700					
Certificate	DE000CD64EA3	ASMLH107.7TL OPENZ	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	DE000VN6VOA9	ASMLH107.9TL OPENV	EUR											
Certificate	DE000VN6VZ90	ASMLH107.9TL OPENV	EUR											
Certificate	NL0012105845	ASMLH109.9BL OPENB	EUR	41,2700	41,2700	41,2700			41,2700					
Certificate	NL0012056022	ASMLH110.9TL OPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012106181	ASMLH111.6TL OPENB	EUR	46,2500	46,2500	46,2500			46,2500					
Certificate	DE000CD64E85	ASMLH111.7TL OPENZ	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000VN658L1	ASMLH113.3TL OPENV	EUR	3,6400	3,7500	3,5300	35854,6000	10		10055				
Certificate	DE000VN658H9	ASMLH113.3TL OPENV	EUR											
Certificate	NL0012117758	ASMLH113.7TL OPENB	EUR	44,3000	44,3000	44,3000			44,3000					
Certificate	NL0012106116	ASMLH114.1BL OPENB	EUR	37,3500	37,3500	36,4300	2741,8200	2	37,1000	74				
Certificate	DE000VL2FPS4	ASMLH114.9TL OPENV	EUR											
Certificate	NL0012366793	ASMLH115.9TL OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CJ3P3B3	ASMLH117.5TL 0319Z	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0012277099	ASMLH117.6TL OPENB	EUR	40,6100	40,6100	40,6100			40,6100					
Certificate	DE000CE6BHH6	ASMLH117.6TL OPENZ	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000VN66XH2	ASMLH117.8TL OPENV	EUR	3,1100	3,1100	3,1050	404,3000	1	3,1050	130				
Certificate	NL0012371041	ASMLH120.7TL OPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000VL2FPT2	ASMLH120.9TL OPENV	EUR											
Certificate	NL0012278253	ASMLH121.8BL OPENB	EUR	29,7400	29,7400	29,7400			29,7400					
Certificate	NL0012277610	ASMLH121.8TL OPENB	EUR	36,3600	36,7500	35,2600	3239,4000	3	36,7500	90				
Certificate	DE000VL5RX13	ASMLH122.4TL OPENV	EUR											
Certificate	DE000VL2FL22	ASMLH122.8TL OPENV	EUR											
Certificate	DE000CE6DYT2	ASMLH123.6TL OPENZ	EUR	2,5850	2,7500	2,5850	2431,0000	2	2,7500	900				
Certificate	DE000VL5RX21	ASMLH124.4TL OPENV	EUR											
Certificate	DE000VL2FPU0	ASMLH124.9TL OPENV	EUR	2,5000	2,5000	2,5000	500,0000	1	2,5000	200				
Certificate	NL0012372270	ASMLH125.8TL OPENH	EUR	3,2500	3,3400	3,2500	334,0000	1	3,3400	100				
Certificate	NL0012277628	ASMLH125.9TL OPENB	EUR	32,7300	34,2800	32,7300	41657,5000	3	32,9400	1250				
Certificate	DE000CE6EQ08	ASMLH127.3TL OPENZ	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000VL37EY2	ASMLH128.2TL OPENV	EUR											
Certificate	LU1573750830	ASMLH128.3TCIOPENS	EUR	1,9800	2,0200	1,9800			2,0200					
Certificate	DE000CJ3QDB8	ASMLH128.5TL 0319Z	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0012492227	ASMLH128.9TL OPENB	EUR	29,6400	30,1500	29,6300	5870,4800	3	30,1500	197				
Certificate	DE000VL5RX39	ASMLH130.4TL OPENV	EUR											
Certificate	DE000CE6EO93	ASMLH130.6TL OPENZ	EUR	1,8650	2,0600	1,8650	5856,0000	5	1,8700	3100				
Certificate	LU1573783419	ASMLH131.8TCIOPENS	EUR	1,6300	1,7700	1,6300	1295,6500	4	1,6700	756				
Certificate	NL0012493522	ASMLH131.9TL OPENB	EUR	28,2500	28,2500	27,3400	6749,6000	2	27,3400	240				
Certificate	NL0012493290	ASMLH132.1BL OPENB	EUR	18,6900	19,4400	18,6900	1121,4000	1	19,4400	60				
Certificate	DE000VL2FTT4	ASMLH133.1TL OPENV	EUR	1,5100	1,6900	1,5000	9943,8000	6	1,5850	6210				
Certificate	DE000VL37EZ9	ASMLH133.2TL OPENV	EUR											
Certificate	NL0012493795	ASMLH134.7BL OPENB	EUR	16,0600	18,3000	16,0600	88808,0800	18	16,8700	5306				
Certificate	NL0012518047	ASMLH135.1TL OPENH	EUR	2,3900	2,3900	2,3800	357,0000	1	2,3800	150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA90SM9	ASMLH136.5TL OPENV	EUR	1,3500	1,3550	1,3500	229,5000	1	1,3550	170				
Certificate	NL0013155971	ASMLH137.2BL OPENB	EUR	1,4200	1,6000	1,3600	5013,2200	10	1,4550	3402				
Certificate	DE000CJ3QGG0	ASMLH137.6TL OPENZ	EUR	1,2050	1,2400	1,2050	3705,0000	4	1,2400	3000				
Certificate	DE000VA90SP2	ASMLH138.5TL OPENV	EUR	1,0850	1,2600	1,0750	2031,2500	4	1,1100	1755				
Certificate	NL0013156961	ASMLH139.7BL OPENB	EUR	1,2900	1,2900	1,1050	4980,0000	2	1,2050	4000				
Certificate	DE000VA90U34	ASMLH140.5TL OPENV	EUR	1,1200	1,1200	0,9050	3100,0000	3	0,9050	3000				
Certificate	LU1784829472	ASMLH140.8TL OPENS	EUR											
Certificate	NL0013157738	ASMLH142.1BL OPENB	EUR	0,8800	1,0900	0,8650	11616,5000	9	0,9550	11950				
Certificate	DE000VA90W57	ASMLH144.2TL OPENV	EUR											
Certificate	DE000VA90WR0	ASMLH144.5TL OPENV	EUR	0,6900	0,7500	0,6600	37616,1000	13	0,6900	54440				
Certificate	DE000VA9C548	ASMLH147.1TS OPENV	EUR											
Certificate	DE000VA90T78	ASMLH147.5TS OPENV	EUR											
Certificate	NL0013155401	ASMLH148.3BS OPENB	EUR											
Certificate	DE000VA9C571	ASMLH149.1TS OPENV	EUR											
Certificate	NL0013154826	ASMLH149.4TS OPENB	EUR											
Certificate	DE000VA9C6C2	ASMLH151.1TS OPENV	EUR											
Certificate	DE000VA9C3C9	ASMLH153.1TS OPENV	EUR	0,3300	0,5250	0,3250	85,0000	2	0,5250	200				
Certificate	NL0013155419	ASMLH153.3BS OPENB	EUR	0,6200	0,6200	0,3700	3484,6000	10	0,5050	7630				
Certificate	NL0013151913	ASMLH154.4TS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000VA9C2Q1	ASMLH155.1TS OPENV	EUR											
Certificate	DE000VA9CXJ2	ASMLH157.2TS OPENV	EUR											
Certificate	DE000VA9CXV7	ASMLH157.5TS OPENV	EUR											
Certificate	NL0013151616	ASMLH158.2BS OPENB	EUR	1,0900	1,0900	0,8750	553,9500	3	0,9950	510				
Certificate	NL0013014160	ASMLH159.2TS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000VA9CXL8	ASMLH159.2TS OPENV	EUR											
Certificate	DE000CJ3PHN6	ASMLH159.2TS OPENZ	EUR	1,0850	1,0850	0,8800	2973,4000	5	0,9100	3140				
Certificate	NL0013086069	ASMLH159.7TS OPENH	EUR	2,3000	2,4000	2,1700	185,4100	8	2,3200	80				
Certificate	DE000VA71004	ASMLH161.4TS OPENV	EUR											
Certificate	NL0013013543	ASMLH163.2BS OPENB	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VA71012	ASMLH163.4TS OPENV	EUR											
Certificate	NL0013013717	ASMLH164.2TS OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0012796916	ASMLH164.5BIOC0919Z	EUR	152,9500	152,9500	152,9500			152,9500					
Certificate	DE000VA71020	ASMLH165.4TS OPENV	EUR											
Certificate	DE000VA15N35	ASMLH166.4TL OPENV	EUR											
Certificate	DE000VAGD9F1	ASMLH167.8TS OPENV	EUR											
Certificate	DE000VAGD9M7	ASMLH168.1TS OPENV	EUR											
Certificate	NL0012995542	ASMLH168.2BS OPENB	EUR	1,9600	1,9950	1,9600	588,0000	1	1,9950	300				
Certificate	DE000VAA4RMG0	ASMLH168.8TL OPENV	EUR											
Certificate	NL0012995799	ASMLH169.2TS OPENB	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	DE000VAGD6H3	ASMLH169.8TS OPENV	EUR											
Certificate	DE000VAGD6L5	ASMLH170.1TS OPENV	EUR											
Certificate	DE000VA2T6K3	ASMLH170.6TL OPENV	EUR											
Certificate	DE000VAGD6J9	ASMLH171.8TS OPENV	EUR											
Certificate	DE000VAGD6M3	ASMLH172.1TS OPENV	EUR											
Certificate	DE000VA2T6Y4	ASMLH172.6TL OPENV	EUR											
Certificate	NL0012995559	ASMLH173.1BS OPENB	EUR	2,4700	2,4850	2,4700	16055,0000	1	2,4850	6500				
Certificate	DE000VAGD6K7	ASMLH173.8TS OPENV	EUR											
Certificate	DE000VAGD6N1	ASMLH174.1TS OPENV	EUR											
Certificate	DE000CV88B26	ASMLH174.2TS OPENZ	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	NL0012898324	ASMLH174.4TS OPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000VA3TEP6	ASMLH174.7TL OPENV	EUR											
Certificate	DE000VAGD6C4	ASMLH175.8TS OPENV	EUR											
Certificate	DE000VAGD6E0	ASMLH176.1TS OPENV	EUR											
Certificate	LU1817129023	ASMLH177.7TPIOPENS	EUR	2,7700	2,7700	2,7300			2,7300					
Certificate	DE000VAGD6D2	ASMLH177.8TS OPENV	EUR											
Certificate	NL0012990451	ASMLH178.1BS OPENB	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	DE000VAGD6F7	ASMLH178.1TS OPENV	EUR											
Certificate	NL0012888564	ASMLH179.5TS OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000VASRGV8	ASMLH180.3TS OPENV	EUR											
Certificate	DE000VASRGX4	ASMLH182.3TS OPENV	EUR											
Certificate	DE000VASRCW5	ASMLH184.1TS OPENV	EUR											
Certificate	DE000VASRB61	ASMLH184.3TS OPENV	EUR											
Certificate	NL0012936827	ASMLH184.4TS OPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000VASRB53	ASMLH186.1TS OPENV	EUR											
Certificate	DE000VASENU4	ASMLH186.3TS OPENV	EUR											
Certificate	DE000VASENR0	ASMLH188.1TS OPENV	EUR											
Certificate	DE000VA4Y549	ASMLH188.3TS OPENV	EUR											
Certificate	DE000VA4Y564	ASMLH188.4TS OPENV	EUR											
Certificate	NL0012792998	ASMLH190.2BIOC1218B	EUR	149,8000	149,8000	149,8000			149,8000					
Certificate	DE000VA3ECT4	ASMLH190.6TS OPENV	EUR											
Certificate	LU1757083248	ASMLH191.5TPIOPENS	EUR	4,0000	4,0000	3,9500			3,9500					
Certificate	NL0012368047	ASMLH191.9TS OPENH	EUR	5,7600	5,7600	5,7600			5,7600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL8XHL6	ASMLH193.3TS OPENV	EUR											
Certificate	LU1784829803	ASMLH193.6TS OPENS	EUR											
Certificate	DE000CV4ZMF3	ASMLH194.1TS OPENZ	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	DE000VL8XHN2	ASMLH194.9TS OPENV	EUR											
Certificate	LU1790503400	ASMLH195.1TPIOpens	EUR	4,4200	4,4200	4,3800				4,3800				
Certificate	DE000VL8XHM4	ASMLH195.3TS OPENV	EUR											
Certificate	DE000VL8XHP7	ASMLH196.9TS OPENV	EUR											
Certificate	NL0012851463	ASMLH197.5TS OPENH	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0012970008	ASMLH197.7BS OPENB	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	DE000VL8XG21	ASMLH198.3TS OPENV	EUR											
Certificate	NL0012971923	ASMLH198.5TS OPENB	EUR	6,4450	6,4450	6,4450			6,4450					
Certificate	DE000VA2T562	ASMLH198.9TS OPENV	EUR											
Certificate	DE000VL8XKP1	ASMLH199.9TS OPENV	EUR											
Certificate	NL0012593867	ASMLH200.3TS OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VA2T6D8	ASMLH200.5TS OPENV	EUR											
Certificate	DE000VA2T570	ASMLH200.9TS OPENV	EUR											
Certificate	DE000VA2T6E6	ASMLH202.5TS OPENV	EUR											
Certificate	DE000VA2T588	ASMLH202.9TS OPENV	EUR											
Certificate	DE000VA2T6U2	ASMLH204.7TS OPENV	EUR											
Certificate	DE000VA2T6V0	ASMLH206.7TS OPENV	EUR											
Certificate	NL0012987242	ASMLH207.5BOC0619B	EUR	147,7000	147,7000	147,7000			147,7000					
Certificate	DE000VA2T7V8	ASMLH208.7TS OPENV	EUR											
Certificate	NL0012935597	ASMLH209.2TS OPENH	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	LU1784829712	ASMLH211.1TS OPENS	EUR											
Certificate	DE000VA3EAB6	ASMLH212.6TS OPENV	EUR											
Certificate	DE000VA3EAC4	ASMLH214.6TS OPENV	EUR											
Certificate	DE000VA3EAD2	ASMLH216.6TS OPENV	EUR											
Certificate	NL0012521967	ASMLH217.5TS OPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000VA4YPC8	ASMLH218.4TS OPENV	EUR											
Certificate	DE000VA4YRQ4	ASMLH220.4TS OPENV	EUR											
Certificate	NL0012529135	ASMLH232.6TS OPENH	EUR	10,1500	10,1500	10,1500				10,1500				
Certificate	NL0012555486	ASMLH249.1TS OPENH	EUR	11,9400	11,9400	11,9400				11,9400				
Certificate	NL0012583447	ASMLH249.2TS OPENH	EUR	11,9500	11,9500	11,9500				11,9500				
Certificate	NL0012593859	ASMLH264.3TS OPENH	EUR	13,5800	13,5800	13,5800				13,5800				
Certificate	NL0012919997	ASMLH282.5TS OPENH	EUR	15,5700	15,5700	15,5700				15,5700				
Certificate	DE000CC165B4	ASMLH68.31TL OPENC	EUR	84,0500	84,0500	84,0500				84,0500				
Certificate	NL0011433305	ASMLH69.62BL OPENB	EUR	81,5000	81,5000	81,5000				81,5000				
Certificate	NL0011907357	ASMLH88.87BL OPENB	EUR	62,2700	62,2700	62,2700				62,2700				
Certificate	DE000CJ3QFY5	ASMLH92.67TL OPENZ	EUR	5,9900	5,9900	5,9900				5,9900				
Certificate	DE000CD62721	ASMLH95.64TL OPENZ	EUR	53,6700	53,6700	53,6700				53,6700				
Certificate	NL0012100028	ASMLH99.38BL OPENB	EUR	51,7800	51,7800	51,7800				51,7800				
Certificate	DE000CQ5AUM9	ASRNL 30TL OPENC	EUR	1,0900	1,0900	1,0900				1,0900				
Certificate	DE000CQ5AUN7	ASRNL 32TL OPENC	EUR	0,8900	0,8900	0,8900				0,8900				
Certificate	DE000CQ5ASJ9	ASRNL 32TL OPENC	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	DE000CQ5ASK7	ASRNL 34TL OPENC	EUR	0,7700	0,7700	0,7700				0,7700				
Certificate	DE000CQ5AUP2	ASRNL 34TL OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CQ5ASL5	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5AUQ0	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5BKM8	ASRNL 35TS OPENC	EUR											
Certificate	DE000CQ5AWM5	ASRNL 46TS OPENC	EUR	0,5000	0,5000	0,5000				0,5000				
Certificate	NL0011900410	ASRNL 9.68TL OPENB	EUR	29,4650	29,4650	29,4650				29,4650				
Certificate	NL0011910211	ASRNL13.83TL OPENB	EUR	25,6050	25,6050	25,6050				25,6050				
Certificate	NL0012104954	ASRNL18.94TL OPENB	EUR	20,8450	20,8450	20,8450				20,8450				
Certificate	DE000CD649D2	ASRNL19.04TL OPENZ	EUR	4,0650	4,0750	4,0650				4,0750				
Certificate	NL0012105332	ASRNL19.97TL OPENB	EUR	19,8850	19,8850	19,8850				19,8850				
Certificate	NL0012115935	ASRNL22.01TL OPENB	EUR	17,9850	17,9850	17,9850				17,9850				
Certificate	DE000CE6BDK9	ASRNL22.14TL OPENZ	EUR	3,4650	3,4750	3,4650				3,4750				
Certificate	NL0012261762	ASRNL23.02TL OPENB	EUR	17,0450	17,0450	17,0450				17,0450				
Certificate	DE000CE6DJ78	ASRNL25.76TL OPENZ	EUR	2,7750	2,7750	2,7750				2,7750				
Certificate	NL0012271084	ASRNL26.07TL OPENB	EUR	14,2050	14,2050	14,2050				14,2050				
Certificate	NL0012275945	ASRNL27.06TL OPENB	EUR	13,2750	13,2750	13,2750				13,2750				
Certificate	NL0012275952	ASRNL28.08TL OPENB	EUR	12,3250	12,3250	12,3250				12,3250				
Certificate	DE000CE6DV23	ASRNL28.34TL OPENZ	EUR	2,2750	2,2850	2,2750				2,2850				
Certificate	NL0012279988	ASRNL29.08TL OPENB	EUR	11,3950	11,3950	11,3950				11,3950				
Certificate	NL0012492235	ASRNL30.08TL OPENB	EUR	10,4750	10,4750	10,4750				10,4750				
Certificate	DE000CE6EMU3	ASRNL30.93TL OPENZ	EUR	1,7750	1,7850	1,7750				1,7850				
Certificate	NL0012779771	ASRNL32.08TL OPENB	EUR	8,6050	8,6050	8,6050				8,6050				
Certificate	DE000CV89MC1	ASRNL32.99TL OPENZ	EUR	1,3750	1,3850	1,3750				1,3850				
Certificate	NL0012993422	ASRNL37.14TL OPENB	EUR	3,9050	3,9050	3,9050				3,9050				
Certificate	DE000CV886A4	ASRNL37.15TL OPENZ	EUR	0,5850	0,5850	0,5600	327,5300	2		579				
Certificate	NL0013019052	ASRNL38.11TL OPENB	EUR											
Certificate	NL0013156573	ASRNL40.91TS OPENB	EUR	6,4200	6,4200	5,7950	963,0000	1	5,7950	150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012993497	ASRNL42.91TS OPENB	EUR	7,9350	7,9350	7,9350			7,9350					
Certificate	DE000CV8AS80	ASRNL43.37TS OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012994289	ASRNL44.89TS OPENB	EUR	10,0850	10,0850	10,0850			10,0850					
Certificate	DE000CJ3NVF8	ASRNL49.33TS OPENZ	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	DE000CV4YXW8	ASTRA37.67TL OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000CV4YZ87	ASTRA42.71TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CV88B88	ASTRA47.71TL OPENZ	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CV8A3L9	ASTRA52.71TL OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	NL0006518383	ASX 1830TL OPENB	EUR	25,7400	25,7400	25,7400			25,7400					
Certificate	NL0009173632	ASX 3200TL OPENB	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	DE000CV501K8	ATCO 165.TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CJ3PN28	ATCO 124.9TL OPENZ	EUR	1,7500	1,8500	1,7500			1,8500					
Certificate	DE000CE6FKH1	ATCO 195.1TL OPENZ	EUR	0,3900	0,4900	0,3900			0,4900					
Certificate	DE000CE6FNJ1	ATCO 226.1TL OPENZ	EUR											
Certificate	DE000CV8AZE2	ATLMI 14.8TL OPENZ	EUR	0,9550	0,9550	0,9200			0,9200					
Certificate	DE000CJ3NVG6	ATLMI12.81TL OPENZ	EUR	1,3250	1,3250	1,2900			1,2900					
Certificate	DE000CV8AY74	ATLMI16.92TL OPENZ	EUR	0,5550	0,5550	0,5200			0,5200					
Certificate	DE000CJ3PHP1	ATOS 50.22TL OPENZ	EUR											
Certificate	DE000CJ3PHQ9	ATOS 60.22TL OPENZ	EUR											
Certificate	DE000CV8B122	AUROR 7.2TL OPENZ	EUR											
Certificate	DE000CV8ARH2	AUROR 4.47TL OPENZ	EUR	2,1500	2,4900	2,1500	1200,0000	1	2,4900	500				
Certificate	DE000CV8AXX7	AUROR 5.02TL OPENZ	EUR	1,8100	2,1600	1,8100			2,1600					
Certificate	DE000CV8A856	AUROR 5.43TL OPENZ	EUR											
Certificate	DE000CV8AZ24	AUROR 6.11TL OPENZ	EUR	1,1500	1,4900	1,1500	490,0000	1	1,4900	350				
Certificate	DE000CV8A3E4	AUROR 6.52TL OPENZ	EUR											
Certificate	DE000CX002G3	AXA 16TL OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000CX598Q9	AXA 18TL OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CY500C4	AXA 20TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY0AU96	AXA 20TL OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CY52QK7	AXA 28TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CY500D2	AXA 30TS OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CY502H9	AXA 30TS OPENC	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CD61PT5	AXA 13.2TL OPENZ	EUR	1,6350	1,6750	1,6350			1,6750					
Certificate	DE000CF80MW1	AXA 16.3TL OPENC	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0013083041	AXA 23.3TS OPENH	EUR	0,4200	0,4300	0,4200			0,4300					
Certificate	NL0010382347	AXA 8.64TL OPENB	EUR	13,5400	13,5400	13,5400			13,5400					
Certificate	NL0011226287	AXA 10.38TL OPENH	EUR	1,2200	1,2200	1,2100			1,2100					
Certificate	NL0012056261	AXA 14.08TL OPENH	EUR	0,8800	0,8800	0,8700			0,8700					
Certificate	DE000CR1K682	AXA 14.76TL OPENZ	EUR	1,3250	1,3650	1,3250			1,3650					
Certificate	NL0011916010	AXA 15.51TL OPENB	EUR	7,5300	7,5300	7,3600			7,3600					
Certificate	DE000CR4H047	AXA 15.75TL OPENZ	EUR	1,1250	1,1650	1,1250			1,1650					
Certificate	NL0011978853	AXA 16.66TL OPENH	EUR	0,6500	0,6500	0,6400			0,6400					
Certificate	DE000CD62TK4	AXA 17.23TL OPENZ	EUR	0,8350	0,8650	0,8350			0,8650					
Certificate	NL0012030373	AXA 18.57TL OPENB	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0011993597	AXA 18.84TL OPENH	EUR	0,4500	0,4500	0,4400			0,4400					
Certificate	NL0012031249	AXA 19.62TL OPENB	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CD63PL8	AXA 19.72TL OPENZ	EUR	0,3450	0,3750	0,3450			0,3750					
Certificate	NL0011998000	AXA 19.86TL OPENH	EUR	0,3600	0,3600	0,3400			0,3400					
Certificate	NL0012603617	AXA 20.36TL OPENH	EUR	0,3100	0,3100	0,3000			0,3000					
Certificate	NL0012986301	AXA 20.61TL OPENB	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013184898	AXA 21.86TS OPENH	EUR	0,2700	0,2800	0,2700			0,2800					
Certificate	NL0013156888	AXA 22.12TS OPENB	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012772156	AXA 24.12TS OPENB	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012580633	AXA 24.78TS OPENH	EUR	0,5900	0,6000	0,5900			0,6000					
Certificate	NL0012564942	AXA 25.52TS OPENH	EUR	0,6700	0,6800	0,6700			0,6800					
Certificate	NL0012615512	AXA 26.74TS OPENH	EUR	0,8000	0,8200	0,8000			0,8200					
Certificate	NL0012584429	AXA 26.76TS OPENH	EUR	0,8100	0,8200	0,8100			0,8200					
Certificate	NL0012431001	AXA 27.02TS OPENH	EUR	0,8400	0,8500	0,8400			0,8500					
Certificate	NL0012366801	AXA 27.08TS OPENH	EUR	0,8400	0,8500	0,8400			0,8500					
Certificate	NL0012244917	AXA 27.89TS OPENH	EUR	0,9300	0,9400	0,9300			0,9400					
Certificate	NL0012311716	AXA 27.98TS OPENH	EUR	0,9400	0,9500	0,9400			0,9500					
Certificate	NL0012054423	AXA 28.38TS OPENH	EUR	0,9900	1,0000	0,9900			1,0000					
Certificate	NL0012679997	AXA 29.97TS OPENB	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012586374	AXA 30.24TS OPENH	EUR	1,1900	1,2000	1,1900			1,2000					
Certificate	NL0012555536	AXA 32.34TS OPENH	EUR	1,4300	1,4400	1,4300			1,4400					
Certificate	DE000CV8AWB5	AXELS40.64TL OPENZ	EUR	1,5900	1,6300	1,5900			1,6300					
Certificate	DE000CV8A4L7	AXELS50.68TL OPENZ	EUR	0,5900	0,6300	0,5900			0,6300					
Certificate	DE000UB51MP2	BO05U STN1022U	EUR	96,5600	96,5600	96,2600			96,2600					
Certificate	XS1815281685	BA99B STN0623B	EUR	91,7500	91,7500	90,2500			90,2500					
Certificate	DE000CW3AHA8	BABAK 50TL OPENC	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000CW42A24	BABAK 55TL OPENC	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000CX01P43	BABAK 70TL OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX59LN9	BABAK 80TL OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012120521	BABAK 110TL OPENB	EUR	50,3200	50,3200	50,3200			50,3200					
Certificate	DE000CY50RU8	BABAK 120TL OPENC	EUR	2,4100	2,4200	2,2800	15372,0000	4	2,4200	6400				
Certificate	DE000CP236G7	BABAK 120TL OPENC	EUR	3,8200	3,8200	3,8200								
Certificate	DE000CP06V24	BABAK 120TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CY52ZC5	BABAK 125TL OPENC	EUR	3,0300	3,0300	2,8100	46168,0000	2	2,8400	15600				
Certificate	DE000CY50RV6	BABAK 130TL OPENC	EUR											
Certificate	DE000CP236H5	BABAK 130TL OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CP233J8	BABAK 135TL OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP236J1	BABAK 135TL OPENC	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CP233K6	BABAK 140TL OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CP236K9	BABAK 140TL OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013183668	BABAK 145TL OPENH	EUR	0,1900	0,1900	0,1800			0,1800					
Certificate	DE000CP233L4	BABAK 155TS OPENC	EUR											
Certificate	DE000CP236L7	BABAK 155TS OPENC	EUR											
Certificate	DE000CP07BL9	BABAK 160TS OPENC	EUR											
Certificate	DE000CP06V57	BABAK 160TS OPENC	EUR											
Certificate	NL0013182256	BABAK 160TS OPENH	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CP06YD0	BABAK 165TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CP07BM7	BABAK 165TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP069B3	BABAK 170TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CP069S7	BABAK 170TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013182249	BABAK 170TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP06842	BABAK 180TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CP067J0	BABAK 180TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP06L00	BABAK 190TS OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CP06LGO	BABAK 190TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CQ58LU9	BABAK 200TS OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CQ58W78	BABAK 200TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CQ58QA0	BABAK 210TS OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CY51W00	BABAK 220TS OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CE6DLY9	BABAK 122.TL OPENZ	EUR	3,1800	3,3300	3,1250	66982,5000	8	3,1250	20600				
Certificate	DE000VA87LA5	BABAK 134.TL OPENV	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	DE000VA87LF4	BABAK 139.TL OPENV	EUR	1,8000	1,8000	1,5100	9880,0000	5	1,6650	6000				
Certificate	DE000VA90SZ1	BABAK 153.TS OPENV	EUR											
Certificate	DE000VA77C33	BABAK 158.TS OPENV	EUR											
Certificate	DE000VA7PV18	BABAK 163.TS OPENV	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000VA6T191	BABAK 168.TS OPENV	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0011428529	BABAK 39.9TL OPENB	EUR	106,6100	106,6100	106,6100			106,6100					
Certificate	NL0011426457	BABAK 50.9TL OPENB	EUR	97,7600	97,7600	97,7600			97,7600					
Certificate	NL0010872875	BABAK 61.7TL OPENB	EUR	89,0700	89,0700	89,0700			89,0700					
Certificate	NL0011656715	BABAK 72.8TL OPENB	EUR	80,2100	80,2100	80,2100			80,2100					
Certificate	NL0011795463	BABAK 78.2TL OPENB	EUR	75,8200	75,8200	75,8200			75,8200					
Certificate	NL0012104244	BABAK 94.1TL OPENB	EUR	63,0400	63,0400	63,0400			63,0400					
Certificate	NL0012106504	BABAK 99.5TL OPENB	EUR	58,7700	58,7700	58,7700			58,7700					
Certificate	NL0012106660	BABAK102.7BL OPENB	EUR	49,4000	49,4000	49,4000			49,4000					
Certificate	DE000CD64F76	BABAK105.8TL OPENZ	EUR	4,6250	4,6250	4,5650			4,5650					
Certificate	NL0012118905	BABAK107.4TL OPENB	EUR	52,3800	52,3800	52,3800			52,3800					
Certificate	NL0012107643	BABAK108.1BL OPENB	EUR	44,6300	44,6300	44,6300			44,6300					
Certificate	NL0012257778	BABAK112.6TL OPENB	EUR	47,3700	48,2100	47,3700	947,4000	1	48,2100	20				
Certificate	NL0012121032	BABAK113.4BL OPENB	EUR	39,9000	39,9000	39,9000			39,9000					
Certificate	DE000VA8F0J8	BABAK115.9TL OPENV	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000VA8F3D5	BABAK116.3TL OPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000VA7TFN9	BABAK118.7TL OPENV	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0012260533	BABAK118.8BL OPENB	EUR	37,1300	37,1300	35,1600	668,3400	1	35,1600	18				
Certificate	NL0012268205	BABAK120.5TL OPENB	EUR	41,8900	41,8900	41,8900			41,8900					
Certificate	DE000VA7TEX1	BABAK120.9TL OPENV	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000VA7TFQ2	BABAK121.2TL OPENV	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0012261879	BABAK121.5BL OPENB	EUR	32,7900	32,7900	32,7900			32,7900					
Certificate	NL0012267306	BABAK124.2BL OPENB	EUR	31,9300	31,9300	30,4300	319,3000	1	30,4300	10				
Certificate	NL0012270466	BABAK125.6TL OPENB	EUR	37,7800	37,7800	37,7800			37,7800					
Certificate	DE000VA7TC58	BABAK126.2TL OPENV	EUR	2,8500	2,8500	2,7650	498,7500	1	2,7650	175				
Certificate	NL0012268817	BABAK129.5BL OPENB	EUR	25,7100	25,7100	25,7100			25,7100					
Certificate	NL0013145725	BABAK130.5TL OPENB	EUR	33,9000	33,9000	33,9000			33,9000					
Certificate	DE000VA87F20	BABAK130.9TL OPENV	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	DE000VA87K98	BABAK131.5TL OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CJ3PTW2	BABAK131.9TL OPENZ	EUR	1,1650	1,1650	1,1350			1,1350					
Certificate	NL0013148968	BABAK134.6BL OPENB	EUR	24,0400	24,0400	21,7300	1202,0000	1	21,7300	50				
Certificate	DE000VA6DGY8	BABAK135.7TL OPENV	EUR											
Certificate	DE000VA87F53	BABAK135.9TL OPENV	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000VA87LD9	BABAK136.5TL OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0013148976	BABAK139.6BL OPENB	EUR	17,3100	17,3100	17,3100			17,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA9CZ09	BABAK140.9TL OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000VA9C1B5	BABAK141.7TL OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA90VB6	BABAK144.3TL OPENV	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0013156649	BABAK144.6BL OPENB	EUR	15,3000	15,3000	12,3500	2961,9500	4	12,9100	215				
Certificate	DE000VA90R88	BABAK145.9TL OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VA90W32	BABAK146.9TL OPENV	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000VA90W65	BABAK149.4TL OPENV	EUR	0,9400	0,9400	0,8150	14,1000	1	0,8150	15				
Certificate	DE000VA9C4Q7	BABAK150.5TS OPENV	EUR											
Certificate	DE000VA90XH9	BABAK150.9TL OPENV	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0013155344	BABAK154.3BS OPENB	EUR											
Certificate	DE000VA90S12	BABAK155.5TS OPENV	EUR											
Certificate	DE000VA9C4T1	BABAK155.5TS OPENV	EUR											
Certificate	NL0013006190	BABAK159.3BS OPENB	EUR	2,5000	2,5000	2,5000	250,0000	1	2,5000	100				
Certificate	NL0013007305	BABAK159.5TS OPENB	EUR	16,9200	16,9200	16,9200	12690,0000	2	16,9200	750				
Certificate	DE000VA7PWCS	BABAK160.5TS OPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VA7PXP5	BABAK160.5TS OPENV	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0013005135	BABAK164.3BS OPENB	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000VA7PR63	BABAK165.5TS OPENV	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000VA640S9	BABAK165.5TS OPENV	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000VA606W2	BABAK170.5TS OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000VA606V4	BABAK170.5TS OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0012995518	BABAK174.3BS OPENB	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	DE000VA60542	BABAK175.5TS OPENV	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000VA60526	BABAK175.5TS OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000VA603G2	BABAK180.5TS OPENV	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000VA603F4	BABAK180.5TS OPENV	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000VA3PWR2	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA3PWX0	BABAK184.3TL OPENV	EUR											
Certificate	DE000VASRMV6	BABAK185.5TS OPENV	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	DE000VASRMX2	BABAK185.5TS OPENV	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000VA4YXX8	BABAK190.5TS OPENV	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000VA4YXY6	BABAK190.5TS OPENV	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000VA4YXL3	BABAK195.5TS OPENV	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000VA4YXK5	BABAK195.5TS OPENV	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000VA3TJ06	BABAK200.5TS OPENV	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	DE000VA3TJW1	BABAK200.5TS OPENV	EUR	3,9150	3,9150	3,9150			3,9150					
Certificate	DE000VA3TJ14	BABAK205.5TS OPENV	EUR	5,2950	5,2950	5,2950			5,2950					
Certificate	DE000VA3TJX9	BABAK205.5TS OPENV	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	DE000VA3PWH3	BABAK210.5TS OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	DE000VA3PWI9	BABAK215.5TS OPENV	EUR	6,2150	6,2150	6,2150			6,2150					
Certificate	DE000CR9RM19	BABAK66.14TL OPENZ	EUR	8,1450	8,1450	8,0650			8,0650					
Certificate	NL0011650213	BABAK69.54BL OPENB	EUR	80,7900	80,7900	78,5900	6463,2000	2	78,5900	80				
Certificate	DE000CN6K3P7	BABAK76.72TL OPENZ	EUR	7,2050	7,2050	7,1350			7,1350					
Certificate	NL0011910880	BABAK89.03BL OPENB	EUR	63,5000	63,5000	61,4100	3175,0000	1	61,4100	50				
Certificate	NL0011916812	BABAK91.79BL OPENB	EUR	58,9800	58,9800	58,9800			58,9800					
Certificate	DE000CD62MG7	BABAK93.63TL OPENZ	EUR	5,7000	5,7000	5,6300			5,6300					
Certificate	XS1354969286	BABFK STN0424K	EUR											
Certificate	DE000CV502M2	BABI 4.453TL OPENZ	EUR	1,5400	1,6500	1,5400			1,6500					
Certificate	DE000CV4ZRM8	BABI 5.357TL OPENZ	EUR											
Certificate	DE000CJ3QJZ4	BAES 3.301TL OPENZ	EUR	1,0100	1,0100	0,9400			0,9400					
Certificate	DE000CR9QHP6	BAES 3.848TL OPENZ	EUR	0,7000	0,7000	0,6300			0,6300					
Certificate	DE000CN6F3J7	BAES 4.302TL OPENZ	EUR	0,4400	0,4400	0,3800			0,3800					
Certificate	DE000CD61WQ7	BAES 4.907TL OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CX00Q50	BAIDU 140TL OPENC	EUR	2,2000	2,2000	2,1800	99,0000	1	2,2000	45				
Certificate	DE000CQ58ZS3	BAIDU 140TL OPENC	EUR	3,8500	4,0400	3,8500	192,5000	1	4,0400	50				
Certificate	DE000CP235Q8	BAIDU 140TL OPENC	EUR	5,1100	5,1100	5,0400	25550,0000	1	5,0400	5000				
Certificate	DE000CX01LM3	BAIDU 150TL OPENC	EUR	1,3700	1,3700	1,3100	3425,0000	1	1,3100	2500				
Certificate	DE000CX01N29	BAIDU 150TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CV50VH7	BAIDU 180TL OPENC	EUR											
Certificate	DE000CP06503	BAIDU 180TL OPENC	EUR											
Certificate	DE000CP232Y9	BAIDU 200TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CP235R6	BAIDU 200TS OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CP06UE6	BAIDU 220TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CP07AW8	BAIDU 220TS OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CQ58HU7	BAIDU 240TL OPENC	EUR											
Certificate	DE000CQ58VH5	BAIDU 240TS OPENC	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CQ58TN7	BAIDU 240TS OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CQ58V11	BAIDU 250TS OPENC	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CP062W4	BAIDU 260TS OPENC	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000CP06123	BAIDU 260TS OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CQ580Y0	BAIDU 270TS OPENC	EUR											
Certificate	DE000CQ580Z7	BAIDU 280TS OPENC	EUR	8,2500	8,2500	8,2500			8,2500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5ASV6	BAIDU 290TS OPENC	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0012032155	BAIDU 151.8L OPENB	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	NL0013002173	BAIDU 234.BS OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	NL0011900717	BAIDU137.3TL OPENB	EUR	5,5000	5,5000	5,1000	922,5000	2	5,2850	175				
Certificate	NL0011539853	BAIDU148.2TL OPENB	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	NL0011909585	BAIDU166.4BL OPENB	EUR	1,9100	2,0150	1,6050	16167,9900	5	1,7950	8999				
Certificate	NL0011915111	BAIDU169.7TL OPENB	EUR	2,8000	2,8000	2,6500	1903,5000	2	2,6850	690				
Certificate	NL0012033617	BAIDU174.8BL OPENB	EUR	1,1100	1,1250	1,0550	13875,0000	3	1,0550	12500				
Certificate	NL0013156086	BAIDU183.4BS OPENB	EUR											
Certificate	NL0013151624	BAIDU192.5BS OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013149685	BAIDU201.8TS OPENB	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	NL0013149073	BAIDU202.1BS OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013006240	BAIDU212.3BS OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0013005531	BAIDU221.8TS OPENB	EUR	5,4250	5,4250	5,4250			5,4250					
Certificate	NL0012986707	BAIDU241.9TS OPENB	EUR	7,3950	7,3950	7,3950			7,3950					
Certificate	NL0012795884	BAM LEVOPENZ	EUR	21,9600	21,9600	21,9600			21,9600					
Certificate	NL0012795926	BAM SHROPENZ	EUR	79,4700	79,4700	79,4700			79,4700					
Certificate	NL0010009213	BAM 1TL OPENB	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0010009205	BAM 1.5TL OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0010923975	BAM 2.3TL OPENB	EUR	0,7700	0,7800	0,7600	192,5000	1	0,7600	250				
Certificate	NL0012796171	BAM 3.6BON0619Z	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0012796189	BAM 3.6BON0919Z	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012796460	BAM 3.9BON0919Z	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012796478	BAM 4.1BON1219Z	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012546717	BAM 4.3TS OPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012795272	BAM 4.4BON0319Z	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0013017072	BAM 1.78TL OPENB	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CJ3QF22	BAM 1.83TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0010899019	BAM 2.02TL OPENB	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CV4YY88	BAM 2.18TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0011041744	BAM 2.19TL OPENH	EUR	0,9000	0,9200	0,9000	360,0000	1	0,9200	400				
Certificate	DE000CV4YY96	BAM 2.44TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	LU1840980830	BAM 2.47TCIOPENB	EUR	0,5000	0,5000	0,4800			0,4800					
Certificate	DE000CR4HAK2	BAM 2.47TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0010931093	BAM 2.56TL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CR6X1L6	BAM 2.58TL OPENZ	EUR	0,2500	0,2500	0,2400	2200,0000	6	0,2450	9000				
Certificate	NL0013153810	BAM 3.03TS OPENB	EUR	0,6700	0,6700	0,6600	20,1000	1	0,6600	30				
Certificate	NL0013180839	BAM 3.12TS OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013010176	BAM 3.28TS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012796999	BAM 3.29BON0619Z	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	NL0012900252	BAM 3.42TS OPENH	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0013110265	BAM 3.43BON0919Z	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012994909	BAM 3.48BS OPENB	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012900245	BAM 3.52TS OPENH	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012995229	BAM 3.53TS OPENB	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013110273	BAM 3.57BON1219Z	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012894604	BAM 3.61TS OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CV8B3N4	BAM 3.71TL OPENZ	EUR											
Certificate	NL0012891683	BAM 3.71TS OPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0012796197	BAM 3.75BON1219Z	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0012992648	BAM 3.78TS OPENB	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012914683	BAM 3.87TS OPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0012969760	BAM 4.03TS OPENB	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CV89DU2	BAM 4.03TS OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012915425	BAM 4.07TS OPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0012608509	BAM 4.23TS OPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012793004	BAM 4.49BON1218B	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012608491	BAM 4.52TS OPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012546709	BAM 4.69TS OPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012438204	BAM 4.89TS OPENH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0012438196	BAM 5.27TS OPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012240501	BAM 5.56TS OPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CR1HSL8	BAM 1.871TL OPENZ	EUR	0,9400	0,9550	0,9400	58,2800	1	0,9550	62				
Certificate	DE000CJ3PAF7	BAM 2.101TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0011900022	BAM 2.243BL OPENB	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CR4HAJ4	BAM 2.351TL OPENZ	EUR	0,4800	0,4800	0,4700	1895,0000	3	0,4750	4000				
Certificate	NL0013155278	BAM 2.409BL OPENB	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0011816095	BAM 2.509BL OPENB	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0013155286	BAM 2.609BL OPENB	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CJ3QE88	BAM 2.681TL OPENZ	EUR	0,1500	0,1550	0,1400	1917,5000	10	0,1550	12800				
Certificate	NL0013156680	BAM 2.709BL OPENB	EUR	0,2200	0,2200	0,2000	220,0000	1	0,2000	1000				
Certificate	NL0013154008	BAM 2.981BS OPENB	EUR	0,3000	0,3000	0,3000			0,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QE96	BAM 3.038TS OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0013150519	BAM 3.231BS OPENB	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CJ3PAG5	BAM 3.291TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CV8B9X0	BAM 3.539TS OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0012992325	BAM 3.728BS OPENB	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CE6FK99	BAM 4.521TS OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0013155427	BAR 104.6BS OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0013006737	BAR 114.6BS OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013006745	BAR 124.6BS OPENB	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	DE000CJ3QJA7	BAR 58.23TL OPENZ	EUR	4,5650	4,7100	4,5650			4,7100					
Certificate	DE000CE6CQG7	BAR 65.23TL OPENZ	EUR	3,9250	4,0700	3,9250			4,0700					
Certificate	DE000CE6CQF9	BAR 72.91TL OPENZ	EUR	3,2150	3,3600	3,2150			3,3600					
Certificate	DE000CE6EMB3	BAR 79.36TL OPENZ	EUR	2,6150	2,7600	2,6150			2,7600					
Certificate	NL0013016397	BAR 83.74BL OPENB	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CV4Z4N8	BAR 86.89TL OPENZ	EUR	1,9250	2,0600	1,9250			2,0600					
Certificate	NL0013008642	BAR 88.76BL OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0013013279	BAR 93.77BL OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CJ3PRT2	BAR 94.89TL OPENZ	EUR	1,1750	1,3200	1,1750			1,3200					
Certificate	DE000CQ5A198	BARIK 15TS OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CY51V68	BARIK 16TS OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CN6EWL0	BARIK 6.96TL OPENZ	EUR	5,4750	5,6750	5,4750			5,6750					
Certificate	DE000CN6GT09	BARIK 8.27TL OPENZ	EUR	4,3750	4,6200	4,3750	6930,0000	2	4,5850	1500				
Certificate	DE000CV8BE77	BARIK 9.34TL OPENZ	EUR	3,4850	3,6950	3,4850			3,6950					
Certificate	DE000CJ3NT20	BARIK10.83TL OPENZ	EUR	2,2350	2,4550	2,2350	696,0000	1	2,4550	300				
Certificate	DE000CJ3QJE9	BARIK12.33TL OPENZ	EUR	0,9750	1,1950	0,9750	52,5000	1	1,1950	50				
Certificate	DE000CR9S837	BARN 1069TL OPENZ	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CD61W52	BARN 1199TL OPENZ	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CE6F8D8	BARN 1427TL OPENZ	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CR6YPL8	BARN 966.2TL OPENZ	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0011927678	BASF 64TL OPENH	EUR	0,5400	0,5700	0,5400			0,5700					
Certificate	NL0012558225	BASF 94TS OPENH	EUR	3,5800	3,5800	3,5600			3,5600					
Certificate	NL0009169655	BASF 8.6TL OPENB	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	NL0009179464	BASF 16.6TL OPENB	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0009262054	BASF 21.3TL OPENB	EUR	4,5350	4,5350	4,5350			4,5350					
Certificate	NL0010130555	BASF 44.1TL OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0011052535	BASF 47.4TL OPENH	EUR	2,0900	2,1200	2,0900			2,1200					
Certificate	NL0010133468	BASF 47.9TL OPENB	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0013011695	BASF 52.9TL OPENB	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0011720685	BASF 54.6TL OPENH	EUR	1,4200	1,4500	1,4200			1,4500					
Certificate	NL0013011323	BASF 57.3BL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013011703	BASF 57.9TL OPENB	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0011889605	BASF 60.5TL OPENH	EUR	0,8700	0,9000	0,8700			0,9000					
Certificate	NL0011893516	BASF 62.5TL OPENH	EUR	0,6800	0,7100	0,6800			0,7100					
Certificate	NL0013012164	BASF 62.9TL OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0013147176	BASF 65.3BL OPENB	EUR											
Certificate	NL0013158330	BASF 68.9TS OPENB	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0013133028	BASF 71.6TS OPENH	EUR	1,1700	1,1700	1,1600			1,1600					
Certificate	NL0013010002	BASF 73.9TS OPENB	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	NL0012906978	BASF 78.6TS OPENH	EUR	1,9200	1,9200	1,9100			1,9100					
Certificate	NL0013005549	BASF 78.9TS OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012935621	BASF 81.6TS OPENH	EUR	2,2400	2,2400	2,2300			2,2300					
Certificate	NL0012988737	BASF 83.7TS OPENB	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	NL0012933196	BASF 83.7TS OPENH	EUR	2,4700	2,4700	2,4600			2,4600					
Certificate	NL0012919609	BASF 85.6TS OPENH	EUR	2,6700	2,6700	2,6600			2,6600					
Certificate	NL0012916969	BASF 87.5TS OPENH	EUR	2,8800	2,8800	2,8700			2,8700					
Certificate	NL0012864532	BASF 89.5TS OPENH	EUR	3,0900	3,0900	3,0800			3,0800					
Certificate	NL0012862312	BASF 91.4TS OPENH	EUR	3,3000	3,3000	3,2900			3,2900					
Certificate	NL0012846992	BASF 93.3TS OPENH	EUR	3,5000	3,5000	3,4900			3,4900					
Certificate	NL0012846984	BASF 99.2TS OPENH	EUR	4,1400	4,1400	4,1300			4,1300					
Certificate	NL0011052469	BASF 100.6TS OPENH	EUR	4,2900	4,2900	4,2700			4,2700					
Certificate	NL0012208326	BASF 110.2TS OPENH	EUR	5,3200	5,3200	5,3100			5,3100					
Certificate	DE000CN6H848	BASF 48.68TL OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0013016405	BASF 53.29BL OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CR1K455	BASF 54.12TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CN6KKN8	BASF 60.03TL OPENZ	EUR	0,5700	0,5700	0,5600			0,5600					
Certificate	NL0013007594	BASF 61.32BL OPENB	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0013158116	BASF 67.49BS OPENB	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0013006976	BASF 75.48BS OPENB	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	NL0012998504	BASF 83.44BS OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0012998512	BASF 91.38BS OPENB	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0009706761	BASKE2.6325TN0524V	EUR	106,7500	106,7500	106,7500			106,7500					
Certificate	NL0000290328	BASKT PI OPENN	EUR	14,4600	14,7500	14,4600			14,7500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	XS1193698435	BASKT STN0825K	EUR											
Certificate	XS1396707280	BASKT STN0923K	SEK											
Certificate	XS1396707447	BASKT STN0925K	SEK											
Certificate	XS0868034884	BASKT STN1232R	EUR											
Certificate	DE000CJ3P9A2	BATS 20.04TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CJ3NNE8	BATS 23.57TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013018021	BAYER 57TL OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0013015571	BAYER 78TS OPENB	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0012916977	BAYER 99TS OPENH	EUR	4,2200	4,2200	4,1800			4,1800					
Certificate	NL0013129679	BAYER 24.2TL OPENH	EUR	4,1500	4,2100	4,1500			4,2100					
Certificate	NL0012911804	BAYER 30.2TL OPENH	EUR	3,5900	3,6500	3,5900	730,0000	1	3,6500	200				
Certificate	NL0012911796	BAYER 36.3TL OPENH	EUR	3,0300	3,0800	3,0300			3,0800					
Certificate	NL0012911788	BAYER 42.3TL OPENH	EUR	2,4700	2,5200	2,4700			2,5200					
Certificate	NL0011713052	BAYER 49.3TL OPENH	EUR	1,8500	1,9000	1,8500			1,9000					
Certificate	NL0013154545	BAYER 54.3TL OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0011413497	BAYER 55.6TL OPENH	EUR	1,2400	1,3200	1,2400	6726,0000	2	1,3000	5100				
Certificate	NL0013124381	BAYER 59.3TL OPENH	EUR	0,8800	0,9300	0,8800	799,2000	1	0,9300	888				
Certificate	NL0013015829	BAYER 59.8TL OPENB	EUR	0,9100	0,9100	0,8750	182,0000	1	0,8750	200				
Certificate	NL0013185960	BAYER 62.3TL OPENH	EUR	0,6000	0,6500	0,6000			0,6500					
Certificate	NL0013182736	BAYER 64.3TS OPENH	EUR											
Certificate	NL0013153802	BAYER 67.4TS OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0013181688	BAYER 68.3TS OPENH	EUR	0,9200	0,9200	0,8900			0,8900					
Certificate	NL0013153364	BAYER 70.8TS OPENB	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013015993	BAYER 74.2TS OPENB	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0012901417	BAYER 79.9TS OPENH	EUR	2,1700	2,1700	2,1300			2,1300					
Certificate	NL0012995146	BAYER 82.1TS OPENB	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	NL0012923601	BAYER 97.1TS OPENH	EUR	4,0100	4,0100	3,9800			3,9800					
Certificate	NL0012911697	BAYER100.9TS OPENH	EUR	4,4300	4,4300	4,3900			4,3900					
Certificate	DE000CV50186	BAYER102.3TS OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012911689	BAYER102.9TS OPENH	EUR	4,6400	4,6400	4,6000			4,6000					
Certificate	NL0012911671	BAYER104.9TS OPENH	EUR	4,8500	4,8500	4,8100			4,8100					
Certificate	NL0012911663	BAYER106.9TS OPENH	EUR	5,0600	5,0600	5,0300			5,0300					
Certificate	NL0012522361	BAYER117.1TS OPENH	EUR	6,2500	6,2500	6,2200			6,2200					
Certificate	NL0011229943	BAYER121.7TS OPENH	EUR	6,7600	6,7600	6,7300			6,7300					
Certificate	NL0012911655	BAYER130.7TS OPENH	EUR	7,6100	7,6100	7,5800			7,5800					
Certificate	NL0012911648	BAYER136.6TS OPENH	EUR	8,2500	8,2500	8,2200			8,2200					
Certificate	NL0012911630	BAYER142.5TS OPENH	EUR	8,8900	8,8900	8,8500			8,8500					
Certificate	NL0012911622	BAYER148.5TS OPENH	EUR	9,5300	9,5300	9,4900			9,4900					
Certificate	NL0012911614	BAYER154.4TS OPENH	EUR	10,1700	10,1700	10,1300			10,1300					
Certificate	NL0011406889	BBVA 7.8TS OPENH	EUR	3,7300	3,7300	3,6600			3,6600					
Certificate	NL0011406905	BBVA 7.44TS OPENH	EUR	3,3200	3,3200	3,2600			3,2600					
Certificate	NL0011406897	BBVA 7.61TS OPENH	EUR	3,5200	3,5200	3,4500	87,5000	1	3,4500	25				
Certificate	NL0011406871	BBVA 7.99TS OPENH	EUR	3,9300	3,9300	3,8700			3,8700					
Certificate	DE000CV8AWD1	BBVA 3.531TL OPENZ	EUR	1,4300	1,4900	1,4300			1,4900					
Certificate	DE000CV89BS0	BBVA 4.039TL OPENZ	EUR	0,9300	0,9900	0,9300			0,9900					
Certificate	DE000CD61TB5	BBVA 4.541TL OPENZ	EUR	0,4300	0,4900	0,4300			0,4900					
Certificate	DE000CJ3NVH4	BCART 7TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CJ3N1J2	BCART 6.1TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV4ZMD8	BCART 7.9TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CV4ZMC0	BCART 9.01TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CV4ZMB2	BCART10.12TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CV89FN2	BEFB 31.18TL OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CE6C5R7	BEFB 35.43TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CE6C5Q9	BEFB 40.66TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CE6C4B4	BEFB 45.87TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0012897805	BEIER100.1TS OPENH	EUR	1,3400	1,3500	1,3400			1,3500					
Certificate	NL0012936140	BEIER101.8TS OPENH	EUR	1,5100	1,5300	1,5100			1,5300					
Certificate	NL0012847974	BEIER104.8TS OPENH	EUR	1,8300	1,8500	1,8300			1,8500					
Certificate	NL0012580674	BEIER104.8TS OPENH	EUR	1,8300	1,8500	1,8300			1,8500					
Certificate	NL0012555593	BEIER105.5TS OPENH	EUR	1,9100	1,9300	1,9100			1,9300					
Certificate	NL0011417209	BEIER110.3TS OPENH	EUR	2,4300	2,4400	2,4300			2,4400					
Certificate	NL0012847966	BEIER114.7TS OPENH	EUR	2,8900	2,9100	2,8900			2,9100					
Certificate	NL0011417191	BEIER117.7TS OPENH	EUR	3,2200	3,2400	3,2200			3,2400					
Certificate	NL0012864540	BEIER126.7TS OPENH	EUR	4,1900	4,2000	4,1900			4,2000					
Certificate	NL0011054937	BEIER62.11TL OPENH	EUR	3,6100	3,6300	3,6100			3,6300					
Certificate	DE000CR9Q039	BEIER66.01TL OPENZ	EUR	2,8200	2,8400	2,8200			2,8400					
Certificate	NL0011713102	BEIER68.21TL OPENH	EUR	3,0400	3,0600	3,0400			3,0600					
Certificate	NL0011417282	BEIER70.35TL OPENH	EUR	2,8400	2,8600	2,8400			2,8600					
Certificate	DE000CR6XYD9	BEIER74.02TL OPENZ	EUR	2,0200	2,0500	2,0200			2,0500					
Certificate	NL0011417274	BEIER74.55TL OPENH	EUR	2,4500	2,4700	2,4500			2,4700					
Certificate	NL0012052120	BEIER78.42TL OPENH	EUR	2,0800	2,1100	2,0800			2,1100					
Certificate	NL0012057921	BEIER80.68TL OPENH	EUR	1,8700	1,9000	1,8700			1,9000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012095475	BEIER82.72TL OPENH	EUR	1,6800	1,7000	1,6800			1,7000					
Certificate	DE000CE6BPF3	BEIER82.95TL OPENZ	EUR	1,1300	1,1600	1,1300			1,1600					
Certificate	NL0012178842	BEIER84.72TL OPENH	EUR	1,4900	1,5200	1,4900			1,5200					
Certificate	NL0012600910	BEIER87.43TL OPENH	EUR	1,2400	1,2600	1,2400			1,2600					
Certificate	NL0013127228	BEIER93.98TS OPENH	EUR											
Certificate	NL0013079148	BEIER95.84TS OPENH	EUR	0,8700	0,8900	0,8700			0,8900					
Certificate	NL0013079270	BEIER97.84TS OPENH	EUR	1,0900	1,1000	1,0900			1,1000					
Certificate	NL0012374763	BEKB 40TS OPENH	EUR	2,4900	2,4900	2,4800			2,4800					
Certificate	NL0012584452	BEKB 41TS OPENH	EUR	2,6000	2,6000	2,5900			2,5900					
Certificate	NL0012372288	BEKB 44TS OPENH	EUR	2,9500	2,9500	2,9400			2,9400					
Certificate	NL0011740808	BEKB 47TS OPENH	EUR	3,3100	3,3100	3,3000			3,3000					
Certificate	NL0012197396	BEKB 52TS OPENH	EUR	3,9000	3,9000	3,8900			3,8900					
Certificate	NL0011049853	BEKB 17.5TL OPENH	EUR	0,7100	0,7400	0,7100	355,0000	1	0,7400	500				
Certificate	NL0013128218	BEKB 18.9TL OPENH	EUR	0,5900	0,6100	0,5900			0,6100					
Certificate	NL0013182744	BEKB 20.7TL OPENH	EUR	0,4200	0,4500	0,4200			0,4500					
Certificate	NL0012905012	BEKB 22.8TS OPENH	EUR	0,4700	0,4700	0,4600			0,4600					
Certificate	NL0012936603	BEKB 23.2TS OPENH	EUR	0,5100	0,5100	0,5000			0,5000					
Certificate	NL0012936157	BEKB 23.7TS OPENH	EUR	0,5700	0,5700	0,5600			0,5600					
Certificate	NL0012931059	BEKB 24.3TS OPENH	EUR	0,6400	0,6400	0,6300			0,6300					
Certificate	NL0012933782	BEKB 24.8TS OPENH	EUR	0,7000	0,7000	0,6900			0,6900					
Certificate	NL0012931042	BEKB 25.3TS OPENH	EUR	0,7600	0,7600	0,7500			0,7500					
Certificate	NL0012928345	BEKB 27.7TS OPENH	EUR	1,0400	1,0400	1,0300			1,0300					
Certificate	NL0012925754	BEKB 28.2TS OPENH	EUR	1,1000	1,1000	1,0900			1,0900					
Certificate	NL0012923007	BEKB 28.8TS OPENH	EUR	1,1700	1,1700	1,1600			1,1600					
Certificate	NL0012919625	BEKB 29.3TS OPENH	EUR	1,2300	1,2300	1,2200			1,2200					
Certificate	NL0012914758	BEKB 29.8TS OPENH	EUR	1,2800	1,2800	1,2700			1,2700					
Certificate	NL0012914741	BEKB 30.3TS OPENH	EUR	1,3400	1,3400	1,3300			1,3300					
Certificate	NL0012915433	BEKB 30.8TS OPENH	EUR	1,4000	1,4000	1,3900			1,3900					
Certificate	NL0012911812	BEKB 32.2TS OPENH	EUR	1,5700	1,5700	1,5600			1,5600					
Certificate	NL0012909360	BEKB 34.3TS OPENH	EUR	1,8100	1,8100	1,8000			1,8000					
Certificate	NL0012599989	BEKB 35.3TS OPENH	EUR	1,9300	1,9300	1,9200			1,9200					
Certificate	NL0012590954	BEKB 36.2TS OPENH	EUR	2,0400	2,0400	2,0300			2,0300					
Certificate	NL0012592406	BEKB 37.2TS OPENH	EUR	2,1600	2,1600	2,1500			2,1500					
Certificate	NL0012586424	BEKB 38.2TS OPENH	EUR	2,2700	2,2700	2,2600			2,2600					
Certificate	NL0012372296	BEKB 42.1TS OPENH	EUR	2,7300	2,7300	2,7200			2,7200					
Certificate	NL0012199632	BEKB 50.1TS OPENH	EUR	3,6800	3,6800	3,6700			3,6700					
Certificate	NL0012313928	BEKB 57.4TS OPENH	EUR	4,5300	4,5300	4,5200			4,5200					
Certificate	NL0012368054	BEKB 57.5TS OPENH	EUR	4,5400	4,5400	4,5300			4,5300					
Certificate	NL0013011331	BEKB 13.11BL OPENB	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CJ3N8W0	BEKB 13.17TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013006901	BEKB 15.11BL OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CV8AY82	BEKB 15.12TL OPENZ	EUR	1,6000	1,6400	1,6000	800,0000	1	1,6400	500				
Certificate	DE000CJ3PM20	BEKB 16.61TL OPENZ	EUR	1,3000	1,3600	1,3000	650,0000	1	1,3600	500				
Certificate	NL0012992820	BEKB 17.12BL OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CJ3PZE7	BEKB 18.61TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0013147184	BEKB 19.12BL OPENB	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CJ3QHC7	BEKB 20.61TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012993075	BEKB 23.29BS OPENB	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012993083	BEKB 27.26BS OPENB	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0006467441	BEL 780TL OPENB	EUR	27,4300	27,4300	27,4300			27,4300					
Certificate	NL0009998731	BEL 1360TL OPENB	EUR	21,8000	21,8000	21,8000			21,8000					
Certificate	NL0010898466	BEL 2470TL OPENB	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0010898482	BEL 2690TL OPENB	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	NL0010912051	BEL 2800TL OPENB	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0011648431	BEL 2910TL OPENB	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0011901962	BEL 3030TL OPENB	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0011909189	BEL 3140TL OPENB	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0012030019	BEL 3240TL OPENB	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012499214	BEL 4070TS OPENB	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0012499909	BEL 4170TS OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0009064757	BEL20 160TL OPENB	EUR	33,5000	33,5000	33,5000			33,5000					
Certificate	NL0009070978	BEL20 1130TL OPENB	EUR	24,1200	24,1200	24,1200			24,1200					
Certificate	NL0009172469	BEL20 1250TL OPENB	EUR	22,9300	22,9300	22,9300			22,9300					
Certificate	NL0010047973	BEL20 1480TL OPENB	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	NL0010126512	BEL20 1590TL OPENB	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	NL0010254058	BEL20 1930TL OPENB	EUR	16,3200	16,3200	16,3200			16,3200					
Certificate	NL0010281499	BEL20 2030TL OPENB	EUR	15,3300	15,3300	15,3300			15,3300					
Certificate	NL0010514667	BEL20 2250TL OPENB	EUR	13,2200	13,2200	13,2200			13,2200					
Certificate	NL0010148698	BEL20 2320TL OPENA	EUR											
Certificate	NL0011036686	BEL20 2350TL OPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0010606828	BEL20 2470TL OPENB	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	NL0011231840	BEL20 2470TL OPENH	EUR	10,9800	10,9800	10,9800			10,9800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011054713	BEL20 2470TL OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CV87T63	BEL20 2523TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0011036678	BEL20 2560TL OPENH	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0011036660	BEL20 2770TL OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0011036652	BEL20 2880TL OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CE6DJP1	BEL20 2927TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CE6EVU4	BEL20 3026TL OPENZ	EUR	0,9300	0,9600	0,9300	2790,0000	1	0,9600	3000				
Certificate	DE000CE6DJK2	BEL20 3127TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CE6EVT6	BEL20 3225TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CE6DIL0	BEL20 3326TL OPENZ	EUR	0,3700	0,3700	0,3300	1217,2500	2	0,3600	3325				
Certificate	NL0013145535	BEL20 3340TL OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013155732	BEL20 3560TS OPENB	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013009392	BEL20 3660TS OPENB	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CV889S0	BEL20 3750TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012995039	BEL20 3770TS OPENB	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012684161	BEL20 3880TS OPENB	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CE6DIQ9	BEL20 3949TS OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CE6EUV2	BEL20 4068TS OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0011591417	BEL20 4070TS OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CE6DJR7	BEL20 4237TS OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CE6EUVW0	BEL20 4356TS OPENZ	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012679740	BEL20 4360TS OPENB	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CE6DJ55	BEL20 4525TS OPENZ	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CE6E8Q1	BEL20 4722TS OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CV4ZC00	BEL20 4840TS OPENZ	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CV8ACK8	BERKS 165TL 1218Z	EUR	2,2000	2,3150	2,2000			2,3150					
Certificate	DE000CV8ACL6	BERKS 175TL 1218Z	EUR	1,7600	1,8750	1,7600			1,8750					
Certificate	DE000CV8ACM4	BERKS 185TL 1218Z	EUR	1,3200	1,4350	1,3200			1,4350					
Certificate	DE000CV8ARP5	BERKS 195TL 1218Z	EUR	0,8750	0,9950	0,8750			0,9950					
Certificate	NL0010286423	BERKS#####TL OPENB	EUR	14,7600	14,7600	14,7600			14,7600					
Certificate	NL0010281622	BERKS#####TL OPENB	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	NL0009070663	BERKS#####TL OPENB	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	NL0010653267	BERKS#####TL OPENB	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	NL0010377180	BERKS#####TL OPENB	EUR	13,7000	13,7000	13,7000			13,7000					
Certificate	NL0009332956	BERKS#####TL OPENB	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	NL0009991884	BERKS#####TL OPENB	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	NL0010126488	BERKS#####TL OPENB	EUR	16,5300	16,5300	16,5300			16,5300					
Certificate	DE000CV89NS5	BERKS#####TL OPENZ	EUR	4,8950	5,2200	4,8950	984,0000	1	5,2200	200				
Certificate	DE000CN6JUK5	BERKS#####TL OPENZ	EUR	8,9100	9,2200	8,9100			9,2200					
Certificate	DE000CV89NQ9	BERKS#####TL OPENZ	EUR	7,5600	7,8800	7,5600			7,8800					
Certificate	DE000CV89WX6	BERKS#####TL OPENZ	EUR	11,5200	11,8300	11,5200			11,8300					
Certificate	DE000CR9Q0E9	BERKS#####TL OPENZ	EUR	11,1500	11,4600	11,1500			11,4600					
Certificate	DE000CV89NR7	BERKS#####TL OPENZ	EUR	6,2300	6,5500	6,2300			6,5500					
Certificate	DE000CR1KST0	BERKS#####TL OPENZ	EUR	10,3600	10,6700	10,3600			10,6700					
Certificate	DE000CV89YT0	BERKS#####TL OPENZ	EUR	3,5650	3,9050	3,5650			3,9050					
Certificate	DE000CV89VW8	BERKS#####TL OPENZ	EUR	8,8400	9,1500	8,8400			9,1500					
Certificate	DE000CJ3P1C5	BERKS#####TL OPENZ	EUR											
Certificate	DE000CV8A6E7	BERKS#####TL OPENZ	EUR	2,2250	2,5750	2,2250	255,2000	1	2,5750	110				
Certificate	DE000CV89OQ2	BERKS#####TS OPENZ	EUR	3,5650	3,5650	3,2050			3,2050					
Certificate	DE000CV8BCE9	BERKS#####TS OPENZ	EUR	8,9000	8,9000	8,5100			8,5100					
Certificate	DE000CV8A609	BERKS#####TS OPENZ	EUR	6,2400	6,2400	5,8600			5,8600					
Certificate	NL0011806781	BERKS106.4TL OPENB	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	DE000CV89BF7	BERKS122.2TL OPENZ	EUR											
Certificate	NL0011652953	BERKS133.1TL OPENB	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	NL0012023634	BERKS135.4BL OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0011652961	BERKS139.6TL OPENB	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0011658216	BERKS146.5TL OPENB	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CJ3P5C6	BERKS177.5TL 0319Z	EUR	1,7000	1,8150	1,7000			1,8150					
Certificate	DE000CJ3P5D4	BERKS187.5TL 0319Z	EUR	1,2550	1,3750	1,2550			1,3750					
Certificate	DE000CJ3P5E2	BERKS202.5TL 0319Z	EUR	0,5800	0,7050	0,5800			0,7050					
Certificate	DE000CV899A7	BERKS239.2TS OPENZ	EUR	1,1750	1,1750	1,0550			1,0550					
Certificate	NL0006476996	BERKS68976TL OPENB	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	NL0000375046	BERKS86269TL OPENB	EUR	21,2500	21,2500	21,2500			21,2500					
Certificate	LU1859845593	BESI 16TCIOPENS	EUR	3,4600	3,4600	2,9500	2041,5000	3	3,0800	650				
Certificate	LU1876929974	BESI 18TCIOPENS	EUR	1,5300	1,5300	1,1500			1,1500					
Certificate	LU1876930048	BESI 19TCIOPENS	EUR											
Certificate	LU1876935195	BESI 20TCIOPENS	EUR	0,9900	1,3700	0,9900			1,3700					
Certificate	LU1876935278	BESI 21TCIOPENS	EUR	1,9600	2,3400	1,9600			2,3400					
Certificate	NL0011431184	BESI 1.64TL OPENB	EUR	34,7400	34,7400	34,7400			34,7400					
Certificate	NL0011915137	BESI 10.1TL OPENB	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	DE000CV8ADT7	BESI 12.3TL OPENZ	EUR	0,6900	0,6900	0,6850	3450,0000	1	0,6850	5000				
Certificate	DE000CJ3PL23	BESI 15.3TL OPENZ	EUR	0,4100	0,4100	0,3850	82,0000	1	0,3850	200				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PQT4	BESI 16.3TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000CJ3QGH8	BESI 17.3TL OPENZ	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	NL0011434253	BESI 2.31TL OPENB	EUR	33,5200	33,5200	33,5200				33,5200				
Certificate	DE000CR9SHV0	BESI 2.64TL OPENZ	EUR	3,3200	3,3200	3,3200				3,3200				
Certificate	NL0012796585	BESI 22.58OC0919Z	EUR	19,1400	19,1400	19,1400				19,1400				
Certificate	NL0012796593	BESI 23.58OC1219Z	EUR	19,1100	19,1100	19,1100				19,1100				
Certificate	NL0011441613	BESI 3.89TL OPENB	EUR	30,5800	30,5800	30,5800				30,5800				
Certificate	NL0011909296	BESI 9.08TL OPENB	EUR	20,9200	20,9200	20,9200				20,9200				
Certificate	NL0011910245	BESI 9.59TL OPENB	EUR	19,9600	19,9600	19,9600				19,9600				
Certificate	DE000CJ3N6Y0	BESI 11.85TL OPENZ	EUR	0,8050	0,8050	0,8050				0,8050				
Certificate	NL0012034086	BESI 12.15TL OPENB	EUR	15,2000	15,2000	15,2000				15,2000				
Certificate	LU1859834126	BESI 12.92TCIOPENS	EUR	6,5300	6,5300	6,1400				6,1400				
Certificate	NL0012104541	BESI 13.16TL OPENB	EUR	14,0100	14,0100	13,3200	3502,5000	1		13,3200	250			
Certificate	DE000CV8AGK9	BESI 13.83TL OPENZ	EUR	0,5900	0,6150	0,5900	354,0000	1		0,6150	600			
Certificate	DE000CV89P16	BESI 14.31TL OPENZ	EUR	0,4850	0,4850	0,4850				0,4850				
Certificate	LU1859845320	BESI 14.82TCIOPENS	EUR	4,6300	4,6500	4,2400	2040,0000	2		4,2400	450			
Certificate	NL0013017049	BESI 15.66TL OPENB	EUR	4,3300	4,3300	4,3300				4,3300				
Certificate	DE000CJ3PRU0	BESI 15.84TL OPENZ	EUR	0,4600	0,4600	0,4250	460,0000	1		0,4250	1000			
Certificate	NL0013157415	BESI 18.16TL OPENB	EUR	2,0000	2,0000	2,0000				2,0000				
Certificate	DE000CJ3QK07	BESI 18.29TL OPENZ	EUR	0,0915	0,0915	0,0915				0,0915				
Certificate	NL0013151947	BESI 19.68TS OPENB	EUR	2,4000	2,4000	2,4000				2,4000				
Certificate	DE000CV8AHB6	BESI 20.53TS OPENZ	EUR	0,1650	0,1650	0,1650				0,1650				
Certificate	NL0012984629	BESI 22.14TS OPENB	EUR	5,0600	5,0600	5,0600				5,0600				
Certificate	LU1841120196	BESI 22.37TCIOPENS	EUR	3,2400	3,6200	3,2400				3,6200				
Certificate	DE000CV8ADU5	BESI 22.52TS OPENZ	EUR	0,3300	0,3600	0,3300	276,0000	2		0,3550	800			
Certificate	DE000CV89Q23	BESI 24.52TS OPENZ	EUR	0,5550	0,5550	0,5550				0,5550				
Certificate	DE000CV89MV1	BESI 26.51TS OPENZ	EUR	0,7550	0,7550	0,7550				0,7550				
Certificate	DE000CR9RQ23	BESI 3.147TL OPENZ	EUR	3,1900	3,1900	3,1900				3,1900				
Certificate	NL0012699045	BESI 44.27TS OPENB	EUR	57,9400	57,9400	57,9400				57,9400				
Certificate	DE000CN6KUL1	BESI 9.345TL OPENZ	EUR	1,9500	1,9500	1,9500				1,9500				
Certificate	NL0011904636	BFIT 12.48TL OPENB	EUR	14,0800	14,0800	14,0800				14,0800				
Certificate	NL0011911359	BFIT 14.57TL OPENB	EUR	12,1900	12,1900	12,1900				12,1900				
Certificate	DE000CE6ESU9	BFIT 16.28TL OPENZ	EUR	10,3850	10,3850	10,3850				10,3850				
Certificate	DE000CE6EXL9	BFIT 18.45TL OPENZ	EUR	8,3550	8,3550	8,3550				8,3550				
Certificate	NL0012500334	BFIT 18.61TL OPENB	EUR	8,5200	8,5200	8,5200				8,5200				
Certificate	NL0012511364	BFIT 19.62TL OPENB	EUR	7,5900	7,5900	7,5900				7,5900				
Certificate	NL0012684906	BFIT 20.62TL OPENB	EUR	6,6800	6,6800	6,6800				6,6800				
Certificate	DE000CV502Y7	BFIT 21.11TL OPENZ	EUR	5,8750	5,8750	5,8750				5,8750				
Certificate	NL00127274269	BFIT 21.61TL OPENB	EUR	5,7800	5,7800	5,7800				5,7800				
Certificate	DE000CV886X6	BFIT 23.23TL OPENZ	EUR	3,8850	3,8850	3,8850				3,8850				
Certificate	NL0012785737	BFIT 23.61TL OPENB	EUR	3,9500	3,9500	3,9500				3,9500				
Certificate	NL0012788707	BFIT 24.61TL OPENB	EUR	3,0400	3,0400	3,0400				3,0400				
Certificate	NL0013154842	BFIT 26.12TS OPENB	EUR											
Certificate	NL0013151939	BFIT 28.12TS OPENB	EUR	5,8000	5,8000	5,8000				5,8000				
Certificate	NL0013005556	BFIT 30.06TS OPENB	EUR	7,9600	7,9600	7,9600				7,9600				
Certificate	NL0013002942	BFIT 32.06TS OPENB	EUR	10,1800	10,1800	10,1800				10,1800				
Certificate	NL0012976963	BFIT 34.02TS OPENB	EUR	12,3600	12,3600	12,3600				12,3600				
Certificate	DE000CE6DTS4	BHPBP 11.TL OPENZ	EUR											
Certificate	DE000CE6DYY2	BHPBP 12.TL OPENZ	EUR											
Certificate	DE000CV87W92	BHPBP 13.TL OPENZ	EUR											
Certificate	DE000CJ3NND0	BHPBP 14.5TL OPENZ	EUR											
Certificate	DE000CE6C808	BHPBP8.953TL OPENZ	EUR											
Certificate	DE000CE6C4N9	BHPBP9.991TL OPENZ	EUR											
Certificate	DE000CJ3QAK5	BIC 85.TL OPENZ	EUR	0,5400	0,5400	0,5400				0,5400				
Certificate	DE000CJ3N5F1	BIC 47.95TL OPENZ	EUR	2,3900	2,3900	2,3900				2,3900				
Certificate	DE000CV88152	BIC 56.03TL OPENZ	EUR	1,9900	1,9900	1,9900				1,9900				
Certificate	DE000CE6F629	BIC 66.04TL OPENZ	EUR	1,4900	1,4900	1,4900				1,4900				
Certificate	DE000CJ3PLL2	BIC 75.02TL OPENZ	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	NL0013184633	BIDU 145TL OPENH	EUR	0,4000	0,4100	0,4000				0,4100				
Certificate	NL0013184625	BIDU 170TL OPENH	EUR	0,1900	0,2000	0,1900				0,2000				
Certificate	NL0013184906	BIDU 175TL OPENH	EUR	0,1500	0,1600	0,1500				0,1600				
Certificate	NL0013185978	BIDU 180TL OPENH	EUR	0,1100	0,1200	0,1100				0,1200				
Certificate	NL0013184617	BIDU 182TS OPENH	EUR											
Certificate	NL0013184609	BIDU 185TS OPENH	EUR											
Certificate	NL0013133036	BIDU 192TS OPENH	EUR	0,1600	0,1600	0,1500				0,1500				
Certificate	NL0013131212	BIDU 198TS OPENH	EUR	0,2200	0,2200	0,2100				0,2100				
Certificate	NL0013130891	BIDU 202TS OPENH	EUR	0,2600	0,2600	0,2400				0,2400				
Certificate	DE000CN6JPH1	BIDU 127.8TL OPENZ	EUR	5,0000	5,2900	4,8800	13283,8200	14		5,0800	2632			
Certificate	DE000CN6J8Y1	BIDU 140.1TL OPENZ	EUR	3,9100	4,0000	3,9100				4,0000				
Certificate	DE000CR9RZHZ	BIDU 153.5TL OPENZ	EUR	2,7400	3,0100	2,5800	51150,8700	38		2,8300	18030			
Certificate	NL0013081615	BIDU 160.5TL OPENH	EUR	0,2700	0,2800	0,2700				0,2800				
Certificate	DE000CN6JUJ7	BIDU 165.7TL OPENZ	EUR	1,6800	1,7800	1,6800	195,8000	1		1,7700	110			



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079163	BIDU 209.9TS OPENH	EUR	0,3300	0,3300	0,3200			0,3200					
Certificate	NL0013079155	BIDU 213.9TS OPENH	EUR	0,3700	0,3700	0,3500			0,3500					
Certificate	NL0012907844	BIDU 219.9TS OPENH	EUR	0,4200	0,4200	0,4100			0,4100					
Certificate	NL0012907489	BIDU 223.9TS OPENH	EUR	0,4600	0,4600	0,4500			0,4500					
Certificate	NL0012907471	BIDU 227.9TS OPENH	EUR	0,5000	0,5000	0,4800			0,4800					
Certificate	NL0012934962	BIDU 235.4TS OPENH	EUR	0,5900	0,5900	0,5800			0,5800					
Certificate	NL0012907463	BIDU 259.8TS OPENH	EUR	0,8000	0,8000	0,7800			0,7800					
Certificate	DE000C3PGJ6	BIIBQ230.3TL OPENZ	EUR	1,9150	1,9750	1,9150			1,9750					
Certificate	DE000CV8AG50	BIIBQ270.1TL OPENZ	EUR	1,2550	1,3150	1,2550			1,3150					
Certificate	NL0013015837	BINCK 4TL OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0013010994	BINCK 5TS OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0010175568	BINCK 3.1TL OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012492250	BINCK 3.4TL OPENB	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0011900436	BINCK 3.5TL OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012511885	BINCK 3.7TL OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013015340	BINCK 3.9TL OPENB	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0013018666	BINCK 4.1TL OPENB	EUR	0,8200	0,8200	0,7750	82,0000	1	0,7750	100				
Certificate	NL0013015597	BINCK 4.5TS OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013014533	BINCK 4.7TS OPENB	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CD61ZY4	BINCK 3.05TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CD61EG6	BINCK 3.37TL OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CD61C07	BINCK 3.53TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CN6JQT4	BINCK 3.73TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CN6JDD6	BINCK 5.84TS OPENZ	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0011900048	BINCK2.814BL OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013014772	BINCK3.096BL OPENB	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0011804935	BINCK3.346BL OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0011648282	BINCK3.614BL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012512081	BINCK3.871BL OPENB	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000CN6JR40	BINCK3.884TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0013156672	BINCK4.121BL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013155435	BINCK4.359BS OPENB	EUR											
Certificate	NL0013010630	BINCK4.858BS OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0013004435	BINCK5.355BS OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0012776991	BINCK5.853BS OPENB	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0012986574	BINCK6.841BS OPENB	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CR9QY99	BINCK8.169TS OPENZ	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CN6KYB4	BION 35.06TL OPENZ	EUR	10,8900	11,5000	10,8900			11,5000					
Certificate	DE000CD61YA7	BION 39.65TL OPENZ	EUR	8,6000	9,2100	8,6000			9,2100					
Certificate	DE000CD63PM6	BION 45.27TL OPENZ	EUR	5,7800	6,3900	5,7800			6,3900					
Certificate	DE000C3PO56	BION 51.27TL OPENZ	EUR	2,8150	3,4150	2,8150			3,4150					
Certificate	NL0009991660	BKAMC 3.85TL OPENB	EUR	21,8400	21,8400	21,8400			21,8400					
Certificate	NL0010254165	BKAMC 9.24TL OPENB	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	NL0011992805	BKAMC16.65TL OPENH	EUR	11,1400	11,4300	11,1400			11,4300					
Certificate	NL0011995311	BKAMC20.85TS OPENH	EUR											
Certificate	NL0010047213	BKNG 597TL OPENB	EUR	114,2000	114,2000	114,2000			114,2000					
Certificate	NL0010250387	BKNG 657TL OPENB	EUR	109,3000	109,3000	109,3000			109,3000					
Certificate	DE000C3NSM7	BKNG 1084TL OPENZ	EUR	6,6200	6,8300	6,6200			6,8300					
Certificate	NL0011905328	BKNG 1349TL OPENB	EUR	52,5700	52,5700	52,5700			52,5700					
Certificate	DE000CV8AXW9	BKNG 1438TL OPENZ	EUR	3,4950	3,7250	3,4950			3,7250					
Certificate	DE000CV89U19	BKNG 1641TL OPENZ	EUR	1,7150	1,9450	1,7150			1,9450					
Certificate	DE000C3QC07	BKSC1.421TL OPENZ	EUR	0,9250	0,9250	0,9150			0,9150					
Certificate	DE000CV89NV9	BKSC1.672TL OPENZ	EUR	0,6450	0,6450	0,6350			0,6350					
Certificate	DE000CV87UH7	BKSC1.873TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CV87R65	BKSC2.076TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000C3NL66	BLNDL3.967TL OPENZ	EUR	1,2200	1,2200	1,2150			1,2150					
Certificate	DE000CV509F1	BLNDL4.974TL OPENZ	EUR	0,6600	0,6600	0,6450			0,6450					
Certificate	DE000CXOKMB0	BMW 60TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CXOK421	BMW 60TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0011896493	BMW 62TL OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CX591B6	BMW 70TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CX59CM0	BMW 70TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CY51DT8	BMW 80TL OPENC	EUR											
Certificate	DE000CY51EH1	BMW 80TL OPENC	EUR											
Certificate	NL0011235072	BMW 96TS OPENH	EUR	2,8900	2,9000	2,8900			2,9000					
Certificate	DE000CY504F9	BMW 100TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CQ5A2E9	BMW 100TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CY52NJ6	BMW 110TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012039234	BMW 102.BS OPENB	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	NL0009490937	BMW 22.8TL OPENB	EUR	52,6300	52,6300	52,6300			52,6300					
Certificate	NL0009434612	BMW 32.1TL OPENB	EUR	44,0600	44,0600	44,0600			44,0600					
Certificate	NL0011241054	BMW 34.9TL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010044434	BMW 39.1TL OPENB	EUR	37,4900	37,4900	37,4900			37,4900					
Certificate	NL0011410238	BMW 43.3TL OPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0010224580	BMW 43.9TL OPENB	EUR	33,0400	33,0400	33,0400			33,0400					
Certificate	NL0010254694	BMW 49.2TL OPENB	EUR	28,0600	28,0600	28,0600			28,0600					
Certificate	NL0011241047	BMW 51.7TL OPENH	EUR	2,5900	2,6000	2,5900			2,6000					
Certificate	NL0011742606	BMW 56.5TL OPENH	EUR	2,1400	2,1500	2,1400			2,1500					
Certificate	DE000CN6H5G1	BMW 57.1TL OPENZ	EUR	17,2250	17,3250	17,2250			17,3250					
Certificate	NL0010444493	BMW 57.5TL OPENB	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	NL0011906367	BMW 60.8TL OPENB	EUR	17,3100	17,3100	17,3100			17,3100					
Certificate	DE000CR9RQ56	BMW 62.4TL OPENZ	EUR	11,9600	12,0600	11,9600			12,0600					
Certificate	NL0011927702	BMW 66.2TL OPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012020747	BMW 67.8TL OPENB	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0011993662	BMW 69.2TL OPENH	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0011995345	BMW 71.3TL OPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0012031264	BMW 71.6TL OPENB	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0013153570	BMW 76.1BS OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013152739	BMW 76.9TS OPENB	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0013127251	BMW 79.4TS OPENH	EUR	1,1100	1,1200	1,1100			1,1200					
Certificate	NL0013005911	BMW 80.7TS OPENB	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	NL0012906234	BMW 83.3TS OPENH	EUR	1,5200	1,5400	1,5200			1,5400					
Certificate	NL0012909386	BMW 87.8TS OPENH	EUR	2,0100	2,0200	2,0100			2,0200					
Certificate	NL0012864557	BMW 89.8TS OPENH	EUR	2,2200	2,2300	2,2200			2,2300					
Certificate	NL0012604649	BMW 91.1TS OPENH	EUR	2,3600	2,3800	2,3600			2,3800					
Certificate	NL0012245138	BMW 92.9TS OPENH	EUR	2,5500	2,5700	2,5500			2,5700					
Certificate	NL0012558233	BMW 102.1TS OPENH	EUR	3,5400	3,5600	3,5400			3,5600					
Certificate	NL0011041991	BMW 103.3TS OPENH	EUR	3,6700	3,6900	3,6700			3,6900					
Certificate	DE000CV88AH7	BMW 109.8TS OPENZ	EUR	7,1700	7,1700	7,1500			7,1500					
Certificate	NL0012555619	BMW 113.9TS OPENH	EUR	4,8000	4,8200	4,8000			4,8200					
Certificate	DE000CN6JGM0	BMW 52.11TL OPENZ	EUR	22,1950	22,2950	22,1950			22,2950					
Certificate	NL0013008659	BMW 60.13BL OPENB	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0013003619	BMW 63.12BL OPENB	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0011907399	BMW 66.28BL OPENB	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CD62502	BMW 67.37TL OPENZ	EUR	7,0300	7,1300	7,0300			7,1300					
Certificate	NL0012020572	BMW 69.94BL OPENB	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0013002181	BMW 83.71BS OPENB	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0012025381	BMW 92.09BS OPENB	EUR	18,9300	18,9300	18,9300			18,9300					
Certificate	DE000CE6FB22	BMW 99.83TS OPENZ	EUR	5,1800	5,1800	5,1600			5,1600					
Certificate	DE000CQ58YW8	BNP 35TL OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP234L2	BNP 35TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP067T9	BNP 40TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CX592T6	BNP 42TL OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CX59FW2	BNP 45TL OPENC	EUR											
Certificate	DE000CX59PA7	BNP 45TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CP234M0	BNP 50TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CQ58YX6	BNP 50TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CY16JB6	BNP 55TL OPENC	EUR											
Certificate	DE000CY16AH2	BNP 55TL OPENC	EUR											
Certificate	DE000CP060B2	BNP 55TS OPENC	EUR											
Certificate	DE000CP06NV5	BNP 55TS OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CP062D4	BNP 55TS OPENC	EUR											
Certificate	DE000CP06ZL0	BNP 55TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CQ5A594	BNP 65TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CY52BB8	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A7F5	BNP 65TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CY528S1	BNP 65TS OPENC	EUR											
Certificate	DE000CY0ALH9	BNP 75TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CY500F7	BNP 75TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CY502K3	BNP 75TS OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CY0AKS8	BNP 75TS OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CY50EL5	BNP 80TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0009897198	BNP 11.8TL OPENB	EUR	34,1300	34,1300	34,1300			34,1300					
Certificate	NL0010379582	BNP 30.3TL OPENB	EUR	17,4300	17,4300	17,2700	2440,2000	1	17,2700	140				
Certificate	NL0012021521	BNP 40.9TL OPENB	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0013145832	BNP 43.4TL OPENB	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0013086093	BNP 49.6TS OPENH	EUR	9,8100	10,1200	9,8100			10,1200					
Certificate	NL0013015613	BNP 50.3TS OPENB	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012988745	BNP 55.3TS OPENB	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	NL0012312516	BNP 90.4TS OPENH	EUR	55,0600	55,3700	55,0600			55,3700					
Certificate	NL0011412978	BNP 17.57TL OPENH	EUR	29,2900	29,2900	29,1400			29,1400					
Certificate	NL0011412960	BNP 25.98TL OPENH	EUR	21,6400	21,6400	21,4900			21,4900					
Certificate	DE000CJ3PH55	BNP 31.32TL OPENZ	EUR	2,8500	2,8500	2,7650			2,7650					
Certificate	NL0012056618	BNP 35.69TL OPENH	EUR	12,8000	12,8000	12,2500	612,5000	1	12,6400	50				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89BT8	BNP 36.35TL OPENZ	EUR	1,8500	1,8500	1,7650			1,7650					
Certificate	NL0013154354	BNP 37.13BL OPENB	EUR	8,0850	8,0850	8,0850			8,0850					
Certificate	NL0013146392	BNP 39.14BL OPENB	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	NL0013013790	BNP 41.14BL OPENB	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	DE000CD62T72	BNP 41.41TL OPENZ	EUR	4,2300	4,2300	3,6000	1800,0000	1	3,8000	500				
Certificate	NL0011979968	BNP 42.51TL OPENH	EUR	6,5900	6,5900	6,4400			6,4400					
Certificate	NL0013011349	BNP 43.16BL OPENB	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	NL0013149081	BNP 47.92BS OPENB	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0013011414	BNP 50.91BS OPENB	EUR	6,5150	6,5150	6,5150			6,5150					
Certificate	NL0013003684	BNP 53.89BS OPENB	EUR	9,4950	9,4950	9,4950			9,4950					
Certificate	NL0012909394	BNP 57.17TS OPENH	EUR	18,2100	18,5200	18,2100			18,5200					
Certificate	NL0012786974	BNP 59.81BS OPENB	EUR	15,4150	15,4150	15,4150			15,4150					
Certificate	NL0012591671	BNP 61.13TS OPENH	EUR	22,5900	22,9100	22,5900			22,9100					
Certificate	NL0011412846	BNP 67.24TS OPENH	EUR	29,3700	29,6900	29,3700			29,6900					
Certificate	NL0012243281	BNP 71.28TS OPENH	EUR	33,8600	34,1700	33,8600			34,1700					
Certificate	NL0012437842	BNP 71.66TS OPENH	EUR	34,2800	34,5900	34,2800			34,5900					
Certificate	NL0012558258	BNP 75.68TS OPENH	EUR	38,7400	39,0500	38,7400			39,0500					
Certificate	NL0012365266	BNP 90.46TS OPENH	EUR	55,1300	55,4400	55,1300			55,4400					
Certificate	NL0012374078	BNP 90.51TS OPENH	EUR	55,1800	55,4900	55,1800			55,4900					
Certificate	NL0012244180	BNP 98.28TS OPENH	EUR	63,8000	64,1200	63,8000			64,1200					
Certificate	DE000CJ3QE39	BNRGn27.02TL OPENZ	EUR	1,4050	1,4050	1,3850			1,3850					
Certificate	DE000CV887Y2	BNRGn33.05TL OPENZ	EUR	0,8050	0,8050	0,7850			0,7850					
Certificate	DE000CD62R17	BOBL 115.2TL OPENZ	EUR	16,5400	16,5400	16,5400			16,5400					
Certificate	DE000CD62R09	BOBL 123.8TL OPENZ	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	DE000CD62R33	BOBL 138.9TS OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CF6CDJ9	BOBL 145.6TS OPENZ	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	NL0010049383	BOEIN49.7TL OPENB	EUR	250,7100	250,7100	250,7100			250,7100					
Certificate	DE000CN6HTK1	BOEIN98.28TL OPENZ	EUR	7,8800	8,2100	7,8800			8,2100					
Certificate	DE000CJ3PEN3	BOFCH 2.3TL OPENZ	EUR	1,4500	1,4550	1,4500			1,4550					
Certificate	DE000CJ3PGK4	BOFCH 3.1TL OPENZ	EUR	0,5900	0,5950	0,5900			0,5950					
Certificate	DE000CV89TF9	BOFCH 2.69TL OPENZ	EUR	1,0300	1,0450	1,0300			1,0450					
Certificate	NL0013110489	BOSKA LEVOPENZ	EUR	61,5100	61,5100	61,5100			61,5100					
Certificate	DE000CQ5AFM0	BOSKA 15TL OPENC	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000CY51BV8	BOSKA 20TL OPENC	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CY51477	BOSKA 20TL OPENC	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000CQ5ACQ8	BOSKA 22TL OPENC	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CQ5AK57	BOSKA 22TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CP234K4	BOSKA 26TS OPENC	EUR											
Certificate	NL0013079171	BOSKA 27TS OPENH	EUR	3,4100	3,4100	3,3500			3,3500					
Certificate	NL0012586473	BOSKA 29TS OPENH	EUR	5,6000	5,6000	5,5300			5,5300					
Certificate	DE000CQ5AK81	BOSKA 30TS OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CQ5AHF0	BOSKA 30TS OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0012586457	BOSKA 30TS OPENH	EUR	6,6600	6,6600	6,4900			6,4900					
Certificate	NL0012591689	BOSKA 31TS OPENH	EUR	7,7300	7,7300	7,5700			7,5700					
Certificate	DE000CY52VD2	BOSKA 32TS OPENC	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CQ5A7D0	BOSKA 32TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CY51A63	BOSKA 34TS OPENC	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CY51BW6	BOSKA 34TS OPENC	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CY51FH8	BOSKA 35TS OPENC	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000CP06PG1	BOSKA 35TS OPENC	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	DE000CY51A71	BOSKA 35TS OPENC	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CY51J22	BOSKA 35TS OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0011933494	BOSKA 36TS OPENH	EUR	13,1000	13,1000	12,9400			12,9400					
Certificate	NL0011421169	BOSKA 37TS OPENH	EUR	14,1500	14,1500	13,9700			13,9700					
Certificate	NL0012600365	BOSKA 15.3TL OPENH	EUR	11,7000	12,1000	11,7000			12,1000					
Certificate	NL0012593412	BOSKA 17.3TL OPENH	EUR	9,8100	10,2100	9,8100			10,2100					
Certificate	NL0012027924	BOSKA 19.7BL OPENB	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	NL0012310858	BOSKA 19.8TL OPENH	EUR	7,5100	7,9100	7,5100			7,9100					
Certificate	NL0012600357	BOSKA 20.8TL OPENH	EUR	6,5300	6,9300	6,5300			6,9300					
Certificate	NL0012595730	BOSKA 21.3TL OPENH	EUR	6,0500	6,4500	6,0500			6,4500					
Certificate	NL0010134813	BOSKA 21.5TL OPENB	EUR	6,3550	6,3550	6,3550			6,3550					
Certificate	NL0012596191	BOSKA 21.9TL OPENH	EUR	5,5800	5,9900	5,5800			5,9900					
Certificate	NL0012605356	BOSKA 22.7TL OPENH	EUR	4,7600	5,1600	4,7600			5,1600					
Certificate	NL0012782478	BOSKA 22.9BL OPENB	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	NL0013012750	BOSKA 23.5TL OPENB	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	NL0013127269	BOSKA 24.2TL OPENH	EUR											
Certificate	NL0013157746	BOSKA 24.4BL OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0013185986	BOSKA 24.5TL OPENH	EUR	3,1100	3,6000	3,1100			3,6000					
Certificate	NL0012793012	BOSKA 25.2BOCI218B	EUR	25,1300	25,1300	25,1300			25,1300					
Certificate	NL0013134240	BOSKA 25.5TS OPENH	EUR											
Certificate	NL0013130487	BOSKA 26.5TS OPENH	EUR	2,8200	2,8200	2,7500			2,7500					
Certificate	NL0013007339	BOSKA 26.6TS OPENB	EUR	3,6550	3,6550	3,6550			3,6550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012905038	BOSKA 28.5TS OPENH	EUR	5,0000	5,0000	4,9400			4,9400					
Certificate	NL0012586465	BOSKA 29.5TS OPENH	EUR	6,1300	6,1300	6,0600			6,0600					
Certificate	NL0012582159	BOSKA 30.6TS OPENH	EUR	7,2700	7,2700	7,1200			7,1200					
Certificate	NL0012112478	BOSKA 31.1BS OPENB	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0012305817	BOSKA 31.6TS OPENH	EUR	8,3100	8,3100	8,1500			8,1500					
Certificate	NL0011599584	BOSKA 32.3TS OPENH	EUR	9,0900	9,0900	8,9400			8,9400					
Certificate	NL0012305270	BOSKA 32.5TS OPENH	EUR	9,3500	9,3500	9,1900			9,1900					
Certificate	NL0012586440	BOSKA 33.5TS OPENH	EUR	10,3800	10,3800	10,2200			10,2200					
Certificate	NL0011935499	BOSKA 34.1TS OPENH	EUR	11,0700	11,0700	10,9200			10,9200					
Certificate	NL0011044409	BOSKA 49.2TS OPENH	EUR	27,3800	27,3800	27,2300			27,2300					
Certificate	DE000CV8AYQ9	BOSKA14.31TL OPENZ	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CV87Y21	BOSKA16.34TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012775969	BOSKA16.64BL OPENB	EUR	9,9250	9,9250	9,9250			9,9250					
Certificate	NL0012774475	BOSKA18.17BL OPENB	EUR	8,3850	8,3850	8,3850			8,3850					
Certificate	NL0010174264	BOSKA18.17TL OPENB	EUR	9,3850	9,3850	9,3850			9,3850					
Certificate	DE000CV88137	BOSKA19.35TL OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012777585	BOSKA20.48TL OPENB	EUR	7,2400	7,3050	7,2400	3620,0000	1	7,3050	500				
Certificate	LU1719605419	BOSKA21.24TCIOPENS	EUR	5,7900	5,8600	5,7900			5,8600					
Certificate	DE000CD63HY8	BOSKA21.36TL OPENZ	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	NL0012490262	BOSKA21.38BL OPENB	EUR	5,1600	5,1850	5,1600	774,0000	1	5,1750	150				
Certificate	NL0012786214	BOSKA22.49TL OPENB	EUR	5,4400	5,4650	5,4400	43,5200	1	5,4650	8				
Certificate	LU1719605500	BOSKA22.66TCIOPENS	EUR	4,3500	4,4300	4,3500			4,4300					
Certificate	LU1859834555	BOSKA23.05TCIOPENS	EUR	3,4000	3,4700	3,4000			3,4700					
Certificate	DE000CV880B5	BOSKA23.34TL OPENZ	EUR	0,5400	0,5800	0,5400	135,0000	1	0,5800	250				
Certificate	NL0013157860	BOSKA26.16BS OPENB	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0013006984	BOSKA26.18BS OPENB	EUR											
Certificate	LU1840911603	BOSKA27.01TPIOPENS	EUR	1,7600	1,7600	1,6800			1,6800					
Certificate	DE000CJ3N1A1	BOSKA27.83TS OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0012773303	BOSKA28.56TS OPENB	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	NL0012773030	BOSKA28.66BS OPENB	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	LU1790583758	BOSKA28.99TPIOPENS	EUR	3,5500	3,5500	3,4700			3,4700					
Certificate	LU1840348756	BOSKA29.66TPIOPENS	EUR	4,3300	4,3300	4,2500			4,2500					
Certificate	NL0012685671	BOSKA30.48TS OPENB	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	DE000CE6D640	BOSKA30.82TS OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CJ3NP05	BOSKA34.31TS OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0010444261	BOUYG13.49TL OPENB	EUR	21,9850	21,9850	21,9850			21,9850					
Certificate	DE000CJ3PFN0	BOUYG21.71TL OPENZ	EUR											
Certificate	DE000CV89L51	BOUYG25.23TL OPENZ	EUR											
Certificate	DE000CV505F9	BOUYG30.24TL OPENZ	EUR											
Certificate	NL0009495605	BP 10TL OPENB	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	NL0009484427	BP 70TL OPENB	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL0009501360	BP 170TL OPENB	EUR											
Certificate	NL0009506153	BP 180TL OPENB	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	NL0011728415	BP 2.9TL OPENH	EUR	2,9800	2,9800	2,9800	298,0000	1	2,9800	100				
Certificate	NL0009434620	BP 220TL OPENB	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	NL0011889712	BP 3.2TL OPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0011977996	BP 3.9TL OPENH	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0011995717	BP 3.9TL OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0012598767	BP 4.5TL OPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0012608020	BP 4.9TL OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012609606	BP 5.4TS OPENH	EUR											
Certificate	NL0013085038	BP 5.7TS OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013079296	BP 5.9TS OPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012611461	BP 6.1TS OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012861181	BP 6.6TS OPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012847008	BP 6.8TS OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CR4HR03	BP 3.12TL OPENZ	EUR											
Certificate	DE000CD61TQ3	BP 3.472TL OPENZ	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CD634Y0	BP 3.882TL OPENZ	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CE6EX04	BP 4.288TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CV88GN2	BP 4.788TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013183692	BP 499.9TL OPENH	EUR											
Certificate	NL0013183684	BP 539.9TS OPENH	EUR											
Certificate	NL0013183676	BP 579.9TS OPENH	EUR											
Certificate	NL0012795819	BPOST 15.28OC0919Z	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0012795801	BPOST 15.48OC0619Z	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013154693	BPOST 8.02TL OPENB	EUR	0,7400	0,7450	0,7400	636,4000	1	0,7450	860				
Certificate	NL0013154552	BPOST 8.52TL OPENB	EUR	0,6500	0,6550	0,6500	130,0000	1	0,6550	200				
Certificate	NL0013153307	BPOST 9.02TL OPENB	EUR	0,5600	0,5650	0,5550	2660,0000	1	0,5650	4750				
Certificate	NL0013157050	BPOST 9.52TL OPENB	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0013157423	BPOST10.01TL OPENB	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000CJ3QDX2	BPOST10.35TS OPENZ	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QLR7	BPOST10.43TL OPENZ	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0013158207	BPOST10.51TL OPENB	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0013152747	BPOST10.95TS OPENB	EUR											
Certificate	DE000CJ3QAG3	BPOST11.26TS OPENZ	EUR	0,0430	0,0430	0,0430			0,0430					
Certificate	NL0013151954	BPOST11.95TS OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CJ3P7K5	BPOST12.15TS OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0013150865	BPOST12.95TS OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CJ3P7L3	BPOST13.15TS OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CJ3N070	BPOST14.14TS OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CV89Q49	BPOST15.12TS OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CV894L5	BPOST16.11TS OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CV88M10	BPOST18.11TS OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CV87ZM6	BPOST26.06TS OPENZ	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CV424B3	BPOST30.04TS OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CJ3QDW4	BPOST6.084TL OPENZ	EUR	1,0100	1,0200	1,0100	5,0500	1	1,0200	5				
Certificate	DE000CJ3P7H1	BPOST6.988TL OPENZ	EUR	0,8000	0,8400	0,8000	1200,0000	1	0,8400	1500				
Certificate	DE000CV89S29	BPOST8.002TL OPENZ	EUR	0,6300	0,6400	0,6000	2066,0000	5	0,6400	3350				
Certificate	DE000CJ3QBB2	BPOST8.578TL OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CV89EE4	BPOST9.042TL OPENZ	EUR	0,4200	0,4300	0,4000	402,1000	2	0,4300	1005				
Certificate	DE000CJ3QH36	BPOST9.483TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CJ3QK15	BPOST9.931TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CV42LV2	BRBY 12.58TL OPENZ	EUR	1,2900	1,3800	1,2900			1,3800					
Certificate	DE000CV4YY13	BRBY 14.11TL OPENZ	EUR	0,9500	1,0400	0,9500			1,0400					
Certificate	DE000CV4ZP39	BRBY 14.74TL OPENZ	EUR	0,8000	0,9000	0,8000			0,9000					
Certificate	DE000CJ3PTU6	BRBY 16.74TL OPENZ	EUR	0,3600	0,4500	0,3600	43,0000	1	0,4500	100				
Certificate	DE000CN6JPB4	BRCLS1.196TL OPENZ	EUR	0,5750	0,5750	0,5550			0,5550					
Certificate	DE000CD625N1	BRCLS1.507TL OPENZ	EUR	0,2250	0,2250	0,2150			0,2150					
Certificate	DE000VA234T9	BRENT LEVOPENV	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	DE000VN610P3	BRENT LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA234U7	BRENT LEVOPENV	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000VN610M0	BRENT LEVOPENV	EUR	4,8550	4,8550	4,8550			4,8550					
Certificate	DE000VN610N8	BRENT LEVOPENV	EUR	0,6500	0,6550	0,6450	130,0000	1	0,6550	200				
Certificate	DE000CE6C1M7	BRENT LEVOPENZ	EUR	0,3470	0,3810	0,3470	49,6200	1	0,3810	143				
Certificate	DE000CE6C1K1	BRENT LEVOPENZ	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CE6C1J3	BRENT LEVOPENZ	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	NL0000458750	BRENT PI OPENB	EUR	22,5100	22,5100	22,5100			22,5100					
Certificate	DE000VA12HR6	BRENT SHROPENV	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VN610R9	BRENT SHROPENV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN610S7	BRENT SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN610Q1	BRENT SHROPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CE6C1L9	BRENT SHROPENZ	EUR	0,7540	0,7540	0,7540			0,7540					
Certificate	NL0012796809	BRENT SHROPENZ	EUR	59,6200	59,6200	59,6200			59,6200					
Certificate	DE000CP237C4	BRENT 48TL 1218C	EUR	0,5800	0,5800	0,5600	1142,0000	2	0,5600	2000				
Certificate	DE000CE6EP12	BRENT 49TL OPENZ	EUR	10,9750	10,9750	10,9750			10,9750					
Certificate	DE000VA90VU6	BRENT 50TL OPENV	EUR	9,3250	9,3250	9,3250			9,3250					
Certificate	DE000CP237D2	BRENT 52TL 1218C	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CP237E0	BRENT 54TL 1218C	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012501118	BRENT 54TL OPENB	EUR	7,6000	7,6000	6,5000	6450,3000	4	7,4350	935				
Certificate	NL0012526578	BRENT 54TL OPENH	EUR	6,5000	7,1500	6,5000	2704,0000	2	7,1500	400				
Certificate	NL0012503171	BRENT 55TL OPENB	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000CP237F7	BRENT 56TL 1218C	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0012504955	BRENT 56TL OPENB	EUR	4,9000	5,7250	4,9000	1298,5000	1	5,7250	265				
Certificate	LU1651900505	BRENT 60TCIOPENS	EUR	2,8000	2,8000	1,5100	755,0000	1	1,5100	500				
Certificate	DE000CP237G5	BRENT 62TS 1218C	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	DE000CP237H3	BRENT 64TS 1218C	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CP237J9	BRENT 66TS 1218C	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP237K7	BRENT 68TS 1218C	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP237L5	BRENT 72TS 1218C	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP06Q70	BRENT 82TL 1218C	EUR											
Certificate	DE000CP06Q88	BRENT 88TS 1218C	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CP06Q96	BRENT 90TS 1218C	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CP06QA2	BRENT 92TS 1218C	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CP06QB0	BRENT 94TS 1218C	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CP06QC8	BRENT 96TS 1218C	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP06QD6	BRENT 100TS 1218C	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP06QE4	BRENT 104TS 1218C	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	LU1859833151	BRENT 110TPIOPENS	EUR	43,3400	44,5400	43,3400			44,5400					
Certificate	DE000CV88QG5	BRENT 90.TS OPENZ	EUR	26,3300	26,3300	26,3300			26,3300					
Certificate	NL0011636949	BRENT 23.2TL OPENB	EUR	33,5750	33,5750	33,5750			33,5750					
Certificate	NL0011539549	BRENT 25.3TL OPENB	EUR	31,7750	31,7750	31,7750			31,7750					
Certificate	NL0011532387	BRENT 27.5TL OPENB	EUR	29,9650	29,9650	29,9650			29,9650					
Certificate	NL0011535513	BRENT 30.9TL OPENB	EUR	27,0250	27,0250	27,0250			27,0250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011531280	BRENT 32.2TL OPENB	EUR	25,9550	25,9550	25,9550			25,9550					
Certificate	NL0011637855	BRENT 35.2TL OPENB	EUR	23,8500	23,8500	23,4150	524,7000	1	23,4150	22				
Certificate	NL0011648340	BRENT 37.3TL OPENB	EUR	21,5950	21,5950	21,5950			21,5950					
Certificate	NL0011727789	BRENT 39.4TL OPENH	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	NL0011933270	BRENT 39.6TL OPENH	EUR	19,8100	19,8100	19,8100			19,8100					
Certificate	NL0011655741	BRENT 41.5TL OPENB	EUR	18,0300	18,0300	18,0150	8113,5000	1	18,0150	450				
Certificate	NL0011727763	BRENT 41.5TL OPENH	EUR	18,2000	18,2000	18,2000			18,2000					
Certificate	NL0011933254	BRENT 41.7TL OPENH	EUR	18,0400	18,0400	18,0400			18,0400					
Certificate	DE000CN6K859	BRENT 43.5TL OPENZ	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	NL0012372650	BRENT 43.7TL OPENH	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	NL0012277453	BRENT 44.7TL OPENB	EUR	15,6800	15,6850	14,6450	2187,0600	4	15,3250	147				
Certificate	NL0012495170	BRENT 51.9TL OPENB	EUR	9,5400	9,5400	8,4500	3547,6500	15	9,2050	402				
Certificate	DE000VL2FT08	BRENT 53.6TL OPENV	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	NL0012504963	BRENT 57.1TL OPENB	EUR	5,1000	5,1950	3,9900	37084,0000	9	4,8550	7850				
Certificate	NL0012508386	BRENT 58.1TL OPENB	EUR	4,3100	4,3350	3,1500	6780,5000	4	4,0150	1750				
Certificate	NL0012531495	BRENT 58.1TL OPENH	EUR	4,1500	4,1500	2,8500	14267,0000	7	3,6300	4400				
Certificate	NL0012693964	BRENT 60.1TL OPENB	EUR											
Certificate	NL0012688782	BRENT 61.2TL OPENB	EUR											
Certificate	NL0013157886	BRENT 61.4TS OPENB	EUR											
Certificate	NL0013156201	BRENT 62.2TL OPENB	EUR											
Certificate	NL0013157001	BRENT 63.4TS OPENB	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	NL0013156284	BRENT 65.4TS OPENB	EUR	6,8250	6,8250	6,8250			6,8250					
Certificate	NL0013156292	BRENT 67.4TS OPENB	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	NL0013153091	BRENT 69.4TS OPENB	EUR	11,5300	11,5300	10,4750	461,2000	1	10,4750	40				
Certificate	NL0013152341	BRENT 71.3TS OPENB	EUR	12,3050	12,3050	12,3050			12,3050					
Certificate	NL0013151723	BRENT 73.3TS OPENB	EUR	14,1250	14,1250	14,1250			14,1250					
Certificate	DE000VA9CTN2	BRENT 74.1TS OPENV	EUR	12,0350	12,0350	12,0350			12,0350					
Certificate	DE000VA87E96	BRENT 75.1TS OPENV	EUR	12,9150	12,9150	12,9150			12,9150					
Certificate	NL0013147648	BRENT 75.3TS OPENB	EUR	15,9350	15,9350	15,9350			15,9350					
Certificate	DE000VA87DM7	BRENT 76.1TS OPENV	EUR	13,7950	13,7950	13,7950			13,7950					
Certificate	DE000VA87DN5	BRENT 77.1TS OPENV	EUR	14,6750	14,6750	14,6750			14,6750					
Certificate	NL0013147655	BRENT 77.3TS OPENB	EUR	17,7650	17,7650	17,7650			17,7650					
Certificate	LU1859832856	BRENT 78.5TPIOPENS	EUR	15,4900	16,7100	15,4900			16,7100					
Certificate	NL0013016751	BRENT 79.3TS OPENB	EUR	19,5550	19,5550	19,5550			19,5550					
Certificate	NL0013013584	BRENT 81.3TS OPENB	EUR	21,4650	21,4650	21,4650			21,4650					
Certificate	LU1859832930	BRENT 81.5TPIOPENS	EUR	18,1400	19,3600	18,1400			19,3600					
Certificate	DE000VA71TB0	BRENT 82.6TS OPENV	EUR	19,0650	19,0650	19,0650			19,0650					
Certificate	NL0013010697	BRENT 83.3TS OPENB	EUR	23,2850	23,2850	23,2850			23,2850					
Certificate	DE000VA7TF48	BRENT 83.6TS OPENV	EUR	19,9450	19,9450	19,9450			19,9450					
Certificate	LU1859833078	BRENT 84.5TPIOPENS	EUR	20,7900	22,0100	20,7900			22,0100					
Certificate	DE000VA7TF55	BRENT 84.6TS OPENV	EUR	20,8150	20,8150	20,8150			20,8150					
Certificate	NL0013009160	BRENT 85.3TS OPENB	EUR	25,1050	25,1050	25,1050			25,1050					
Certificate	DE000VA7TF63	BRENT 85.6TS OPENV	EUR	21,6950	21,6950	21,6950			21,6950					
Certificate	NL0012789259	BRENT 86.58S OPENB	EUR	23,1850	23,1850	23,1850			23,1850					
Certificate	LU1757002693	BRENT 87.5TPIOPENS	EUR	23,5900	24,8000	23,5900			24,8000					
Certificate	NL0012791073	BRENT 89.2TS OPENB	EUR	28,6950	28,6950	28,6950			28,6950					
Certificate	LU1757002859	BRENT 95.5TPIOPENS	EUR	30,5700	31,7800	30,5700			31,7800					
Certificate	NL0012557870	BRENT 95.8TS OPENH	EUR	33,6500	33,6500	33,6500			33,6500					
Certificate	LU1757003071	BRENT100.5TPIOPENS	EUR	34,9300	36,1400	34,9300			36,1400					
Certificate	DE000CV88ZN2	BRENT100.5TS OPENZ	EUR	37,2150	37,2150	37,2150			37,2150					
Certificate	NL0012861314	BRENT102.5TS OPENH	EUR	39,7100	39,7100	39,7100			39,7100					
Certificate	DE000CV88V43	BRENT104.9TS OPENZ	EUR	39,4700	39,4700	39,4700			39,4700					
Certificate	DE000CJ3NXJ6	BRENT105.3TS OPENZ	EUR	41,5600	41,5600	41,5600			41,5600					
Certificate	NL0012860803	BRENT107.4TS OPENH	EUR	44,1700	44,1700	44,1700			44,1700					
Certificate	DE000CJ3NXE7	BRENT109.9TS OPENZ	EUR	43,8600	43,8600	43,8600			43,8600					
Certificate	DE000CJ3NZK9	BRENT114.9TS OPENZ	EUR	48,2600	48,2600	48,2600			48,2600					
Certificate	NL0012903918	BRENT118.9TS OPENH	EUR	54,6100	54,6100	54,6100			54,6100					
Certificate	NL0012313126	BRENT13.34TL OPENH	EUR	41,6900	41,9700	41,6900	41700,0000	2	41,9700	1000				
Certificate	NL0011636733	BRENT16.688L OPENB	EUR	38,6950	38,6950	38,6950			38,6950					
Certificate	NL0011598321	BRENT17.68TL OPENH	EUR	38,4000	38,4000	38,4000			38,4000					
Certificate	NL0011422415	BRENT23.14TL OPENH	EUR	33,7700	33,7700	33,7700			33,7700					
Certificate	NL0011422407	BRENT26.33TL OPENH	EUR	31,0800	31,0800	31,0800			31,0800					
Certificate	NL0011538111	BRENT28.47BL OPENB	EUR	28,3050	28,3050	28,3050			28,3050					
Certificate	NL0011422399	BRENT29.52TL OPENH	EUR	28,3600	28,3600	28,3600			28,3600					
Certificate	NL0011422381	BRENT32.71TL OPENH	EUR	25,6600	25,6600	25,6600			25,6600					
Certificate	DE000CN6HEY4	BRENT33.86TL OPENZ	EUR	23,6350	23,6350	23,6350			23,6350					
Certificate	NL0011727839	BRENT34.12TL OPENH	EUR	24,4600	24,4600	24,4600			24,4600					
Certificate	NL0011598313	BRENT34.61TL OPENH	EUR	24,0500	24,0500	24,0500			24,0500					
Certificate	NL0011727821	BRENT35.17TL OPENH	EUR	23,5700	23,5700	23,5700			23,5700					
Certificate	DE000CD628Y2	BRENT35.25TL OPENZ	EUR	22,8550	22,8550	22,8550			22,8550					
Certificate	NL0011598305	BRENT35.67TL OPENH	EUR	23,1500	23,1500	23,1500			23,1500					
Certificate	NL0011727805	BRENT37.29TL OPENH	EUR	21,7900	21,7900	21,7900			21,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011933296	BRENT37.51TL OPENH	EUR	21,5900	21,5900	21,5900			21,5900					
Certificate	NL0011727797	BRENT38.33TL OPENH	EUR	20,8900	20,8900	20,8900			20,8900					
Certificate	NL0011933288	BRENT38.55TL OPENH	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	NL0011648779	BRENT39.38BL OPENB	EUR	18,6850	18,6850	18,6850			18,6850					
Certificate	NL0011727771	BRENT40.44TL OPENH	EUR	19,1000	19,1000	19,1000			19,1000					
Certificate	NL0011933262	BRENT40.64TL OPENH	EUR	18,9300	18,9300	18,9300			18,9300					
Certificate	DE000CN6J1R0	BRENT40.89TL OPENZ	EUR	17,4300	17,4300	17,4300			17,4300					
Certificate	DE000CN6K5S6	BRENT41.37TL OPENZ	EUR	17,5650	17,5650	17,5650			17,5650					
Certificate	NL0011655410	BRENT41.53BL OPENB	EUR	16,7950	16,7950	16,7950			16,7950					
Certificate	DE000VN66W86	BRENT42.52TL OPENV	EUR	17,5550	17,5550	17,5550			17,5550					
Certificate	NL0012274963	BRENT43.62BL OPENB	EUR	14,9050	14,9050	14,9050			14,9050					
Certificate	NL0012372643	BRENT44.74TL OPENH	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	NL0012372635	BRENT45.78TL OPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	DE000CE6E4J5	BRENT46.45TL OPENZ	EUR	13,1750	13,1750	13,1750			13,1750					
Certificate	NL0012372627	BRENT46.82TL OPENH	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	DE000CE6E4A4	BRENT47.81TL OPENZ	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	NL0012372619	BRENT47.86TL OPENH	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	DE000CE6E556	BRENT48.79TL OPENZ	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012437693	BRENT48.82TL OPENH	EUR	12,1900	12,1900	10,6700	17984,5000	7	11,5900	1550				
Certificate	DE000CE6EN30	BRENT49.79TL OPENZ	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	NL0012492714	BRENT49.86BL OPENB	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	NL0012439657	BRENT49.91TL OPENH	EUR	10,9900	10,9900	10,6500	54,9500	1	10,6500	5				
Certificate	DE000CE6ETJ1	BRENT50.78TL OPENZ	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012439640	BRENT50.95TL OPENH	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CE6EXN5	BRENT51.54TL OPENZ	EUR	8,7750	8,7750	8,7750			8,7750					
Certificate	DE000CE6ETK9	BRENT51.78TL OPENZ	EUR	7,4800	7,8350	7,4800	1496,0000	1	7,8350	200				
Certificate	NL0012518112	BRENT51.96TL OPENH	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CE6EW13	BRENT52.78TL OPENZ	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VA90VH3	BRENT52.95TL OPENV	EUR	5,8000	6,5950	5,6000	236,2000	3	6,5950	40				
Certificate	NL0012525018	BRENT53.02TL OPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000CE6EXH7	BRENT53.77TL OPENZ	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000VA90RG3	BRENT53.95TL OPENV	EUR	5,6950	5,6950	5,6950			5,6950					
Certificate	NL0012500920	BRENT53.99BL OPENB	EUR	6,4500	6,4500	5,2150	4661,5000	4	5,7650	850				
Certificate	DE000CE6EXP0	BRENT54.09TL OPENZ	EUR	5,6900	6,5650	5,6900	1422,5000	1	6,5650	250				
Certificate	DE000CE6EXJ3	BRENT54.77TL OPENZ	EUR	4,4500	5,1950	4,2000	35380,0000	8	5,1950	8000				
Certificate	NL0013157563	BRENT54.99BL OPENB	EUR	4,5600	4,8850	4,1050	3195,0000	2	4,8850	750				
Certificate	NL0013157571	BRENT55.99BL OPENB	EUR	3,4700	4,0050	3,4650	370,0000	2	4,0050	100				
Certificate	NL0012531222	BRENT56.05TL OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CE6FEH4	BRENT56.63TL OPENZ	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000CE6FEA9	BRENT56.76TL OPENZ	EUR	4,0300	4,0300	3,4350	201,5000	1	3,4350	50				
Certificate	DE000VA90RH1	BRENT56.95TL OPENV	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0013157589	BRENT56.99BL OPENB	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000VA9CY67	BRENT57.97TL OPENV	EUR	2,6900	2,6950	1,2850	858,5000	5	2,1350	410				
Certificate	NL0013157597	BRENT57.99BL OPENB	EUR	2,6200	2,6200	1,2400	18100,0000	15	2,2450	9550				
Certificate	DE000VL37DS6	BRENT58.07TL OPENV	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000CE6FHL9	BRENT58.66TL OPENZ	EUR											
Certificate	DE000CE6FHQ8	BRENT59.13TL OPENZ	EUR											
Certificate	NL0012508246	BRENT59.14BL OPENB	EUR											
Certificate	NL0012549141	BRENT59.75TL OPENH	EUR											
Certificate	NL0012512065	BRENT60.16BL OPENB	EUR											
Certificate	DE000CV426Q6	BRENT60.66TL OPENZ	EUR											
Certificate	NL0012548523	BRENT60.78TL OPENH	EUR											
Certificate	NL0013155823	BRENT61.17BL OPENB	EUR											
Certificate	DE000VL5R8J7	BRENT61.59TL OPENV	EUR											
Certificate	DE000CV42845	BRENT61.67TL OPENZ	EUR											
Certificate	DE000VA90RJ7	BRENT61.95TL OPENV	EUR											
Certificate	DE000VA90VS0	BRENT62.03TS OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000VL76J79	BRENT62.24TL OPENV	EUR											
Certificate	NL0013157621	BRENT62.58BS OPENB	EUR	1,5600	2,7750	1,5600	9924,0000	7	2,0950	4800				
Certificate	DE000CV87J99	BRENT62.68TL OPENZ	EUR											
Certificate	DE000VA90VT8	BRENT63.03TS OPENV	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0013186109	BRENT63.44TS OPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000VA90UM5	BRENT64.04TS OPENV	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0013156938	BRENT64.57BS OPENB	EUR	3,3800	4,5500	3,3750	82932,5000	22	3,8550	21300				
Certificate	DE000VA90RD0	BRENT65.04TS OPENV	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0012549125	BRENT65.33TS OPENH	EUR											
Certificate	NL0013185028	BRENT65.44TS OPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VA90RE8	BRENT66.04TS OPENV	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000CJ3QF12	BRENT66.15TS OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CJ3QF38	BRENT66.24TS OPENZ	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012548507	BRENT66.33TS OPENH	EUR											
Certificate	NL0012536635	BRENT66.38TS OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013155831	BRENT66.56BS OPENB	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000VA90RF5	BRENT67.04TS OPENV	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	NL0013184732	BRENT67.44TS OPENH	EUR	8,7300	8,7300	7,9100	1746,0000	1	7,9100	200				
Certificate	DE000VA9C3V9	BRENT68.04TS OPENV	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	DE000CJ3QF20	BRENT68.15TS OPENZ	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000CJ3QF46	BRENT68.24TS OPENZ	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0013152937	BRENT68.56BS OPENB	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	DE000VA9CY99	BRENT69.06TS OPENV	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	DE000VA9CY26	BRENT70.06TS OPENV	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	DE000CJ3QB32	BRENT70.14TS OPENZ	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000CJ3QCJ3	BRENT70.24TS OPENZ	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0013181001	BRENT70.44TS OPENH	EUR	10,4600	11,5100	10,4600	27395,0000	4	10,6300	2500				
Certificate	NL0013152945	BRENT70.56BS OPENB	EUR	9,1350	9,1350	9,1350			9,1350					
Certificate	DE000VA9CY00	BRENT71.06TS OPENV	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	DE000VA9CY18	BRENT72.06TS OPENV	EUR	10,2850	10,2850	10,2850			10,2850					
Certificate	DE000CJ3P927	BRENT72.14TS OPENZ	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CJ3P679	BRENT72.24TS OPENZ	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000VA4YYQ0	BRENT72.43TL OPENV	EUR											
Certificate	NL0013152952	BRENT72.56BS OPENB	EUR	10,8950	10,8950	10,8950			10,8950					
Certificate	DE000VA9CY42	BRENT73.06TS OPENV	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	NL0013132954	BRENT73.42TS OPENH	EUR	13,3300	13,3300	13,3300			13,3300					
Certificate	DE000CJ3P620	BRENT74.13TS OPENZ	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	DE000CJ3P4P1	BRENT74.24TS OPENZ	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	NL0013149768	BRENT74.55BS OPENB	EUR	12,6450	12,6450	12,6450			12,6450					
Certificate	DE000CJ3PW46	BRENT76.12TS OPENZ	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000CJ3PW38	BRENT76.24TS OPENZ	EUR	15,3000	15,3000	15,3000			15,3000					
Certificate	NL0013130974	BRENT76.38TS OPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0013146665	BRENT76.55BS OPENB	EUR	14,4150	14,4150	14,4150			14,4150					
Certificate	DE000CJ3PWP0	BRENT78.09TS OPENZ	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	DE000VA8FXL3	BRENT78.14TS OPENV	EUR	15,5350	15,5350	15,5350			15,5350					
Certificate	DE000CJ3PWQ8	BRENT78.24TS OPENZ	EUR	17,0900	17,0900	17,0900			17,0900					
Certificate	NL0013124530	BRENT79.04TS OPENH	EUR	18,4300	18,4300	18,4300			18,4300					
Certificate	DE000VA8FXM1	BRENT79.14TS OPENV	EUR	16,4250	16,4250	16,4250			16,4250					
Certificate	DE000CV89D10	BRENT79.24TS OPENZ	EUR											
Certificate	DE000VA64XH4	BRENT79.92TL OPENV	EUR											
Certificate	DE000CJ3P534	BRENT80.06TS OPENZ	EUR	17,5700	17,5700	17,5700			17,5700					
Certificate	NL0013127459	BRENT80.08TS OPENH	EUR	19,3800	19,3800	19,3800			19,3800					
Certificate	DE000VA8FXN9	BRENT80.14TS OPENV	EUR	17,3050	17,3050	17,3050			17,3050					
Certificate	DE000CJ3P542	BRENT80.24TS OPENZ	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	DE000VA710F7	BRENT81.59TS OPENV	EUR	18,1950	18,1950	18,1950			18,1950					
Certificate	NL0013086200	BRENT82.02TS OPENH	EUR	21,1400	21,1400	21,1400			21,1400					
Certificate	NL0013013428	BRENT82.52BS OPENB	EUR	19,6750	19,6750	19,6750			19,6750					
Certificate	DE000CJ3PER4	BRENT82.55TS OPENZ	EUR	19,7600	19,7600	19,7600			19,7600					
Certificate	DE000CJ3PAX0	BRENT82.68TS OPENZ	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	NL0013081730	BRENT84.35TS OPENH	EUR	23,2500	23,2500	23,2500			23,2500					
Certificate	NL0013008048	BRENT84.51BS OPENB	EUR	21,4250	21,4250	21,4250			21,4250					
Certificate	DE000CJ3N302	BRENT85.04TS OPENZ	EUR	21,9600	21,9600	21,9600			21,9600					
Certificate	DE000CJ3N310	BRENT85.15TS OPENZ	EUR	23,4200	23,4200	23,4200			23,4200					
Certificate	DE000VA77AT7	BRENT86.61TS OPENV	EUR	22,5550	22,5550	22,5550			22,5550					
Certificate	NL0012861322	BRENT86.72TS OPENH	EUR	25,4100	25,4100	25,4100			25,4100					
Certificate	DE000CJ3N021	BRENT87.52TS OPENZ	EUR	24,1400	24,1400	24,1400			24,1400					
Certificate	DE000VA7PV59	BRENT87.61TS OPENV	EUR	23,4350	23,4350	23,4350			23,4350					
Certificate	DE000CV88ZL6	BRENT87.75TS OPENZ	EUR	25,7550	25,7550	25,7550			25,7550					
Certificate	NL0012899991	BRENT87.98TS OPENH	EUR	26,5500	26,5500	26,5500			26,5500					
Certificate	DE000VA6T2M4	BRENT88.65TS OPENV	EUR	24,2950	24,2950	24,2950			24,2950					
Certificate	DE000VA6T2P7	BRENT89.65TS OPENV	EUR	25,1850	25,1850	25,1850			25,1850					
Certificate	NL0012899983	BRENT89.97TS OPENH	EUR	28,3500	28,3500	28,3500			28,3500					
Certificate	LU1756857584	BRENT90.25TPIOPENS	EUR	25,9300	27,1400	25,9300			27,1400					
Certificate	NL0012997563	BRENT90.48BS OPENB	EUR	26,6850	26,6850	26,6850			26,6850					
Certificate	NL0012613764	BRENT90.56TS OPENH	EUR	28,9000	28,9000	28,9000			28,9000					
Certificate	DE000VA64Z49	BRENT90.64TS OPENV	EUR	26,0850	26,0850	26,0850			26,0850					
Certificate	DE000CV88FF0	BRENT90.66TS OPENZ	EUR	28,3850	28,3850	28,3850			28,3850					
Certificate	DE000VA64Z56	BRENT91.64TS OPENV	EUR	26,9550	26,9550	26,9550			26,9550					
Certificate	NL0012904601	BRENT92.02TS OPENH	EUR	30,2200	30,2200	30,2200			30,2200					
Certificate	DE000CJ3NWK6	BRENT92.51TS OPENZ	EUR	28,5400	28,5400	28,5400			28,5400					
Certificate	DE000VA64Z64	BRENT92.64TS OPENV	EUR	27,8350	27,8350	27,8350			27,8350					
Certificate	DE000CJ3NXH0	BRENT93.01TS OPENZ	EUR	30,4900	30,4900	30,4900			30,4900					
Certificate	DE000VA64Z72	BRENT93.64TS OPENV	EUR	28,7150	28,7150	28,7150			28,7150					
Certificate	DE000CV88BV6	BRENT94.98TS OPENZ	EUR	30,7200	30,7200	30,7200			30,7200					
Certificate	DE000CV88ZM4	BRENT95.58TS OPENZ	EUR	32,8050	32,8050	32,8050			32,8050					
Certificate	DE000VA7PU27	BRENT95.61TS OPENV	EUR	30,4650	30,4650	30,4650			30,4650					
Certificate	DE000CJ3NXD9	BRENT99.97TS OPENZ	EUR	35,1200	35,1200	35,1200			35,1200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AXH0	BRUNL 14.5TS OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CD62RS1	BRUNL 16.5TS OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3PJL6	BRUNL 6.97TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CE6D657	BRUNL 7.72TL OPENZ	EUR	0,3700	0,3700	0,3500	720,0000	2	0,3500	2000				
Certificate	DE000CJ3NM24	BRUNL 7.77TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0013015845	BRUNL 8.02TL OPENB	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CV8AY90	BRUNL 8.82TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013007180	BRUNL 9.02TL OPENB	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CE6EAA0	BRUNL 9.88TL OPENZ	EUR	0,2000	0,2000	0,1800	4000,0000	10	0,1800	20000				
Certificate	NL0012999213	BRUNL10.03TL OPENB	EUR	0,4100	0,4100	0,3700	820,0000	2	0,3700	2000				
Certificate	DE000CJ3PX29	BRUNL10.68TL OPENZ	EUR	0,0625	0,0625	0,0625			0,0625					
Certificate	DE000CJ3PRV8	BRUNL10.68TL OPENZ	EUR	0,1200	0,1200	0,1085	600,0000	3	0,1085	5000				
Certificate	NL0013154867	BRUNL11.94TS OPENB	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CJ3QDD4	BRUNL13.01TS OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CJ3NN49	BRUNL13.44TS OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012999247	BRUNL13.94TS OPENB	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CV8AYA3	BRUNL14.86TS OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012999254	BRUNL14.93TS OPENB	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CE6F126	BRUNL16.76TS OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CE6EF97	BRUNL5.553TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CV8AXG2	BRUNL6.708TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CE6D4L2	BRUNL8.772TL OPENZ	EUR	0,2500	0,2500	0,2500	37,5000	1	0,2500	150				
Certificate	DE000CE6D4K4	BRUNL9.785TL OPENZ	EUR	0,1500	0,1500	0,1500	300,0000	2	0,1500	2000				
Certificate	NL0010114740	BSANT 1.71TL OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0011971635	BSANT 3.17TL OPENH	EUR	1,3800	1,4000	1,3800			1,4000					
Certificate	NL0011971817	BSANT 3.37TL OPENH	EUR	1,1900	1,2100	1,1900			1,2100					
Certificate	NL0011989397	BSANT 3.47TL OPENH	EUR	1,1000	1,1200	1,1000			1,1200					
Certificate	NL0012025563	BSANT 3.79TL OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013154834	BSANT 4.33TS OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012907174	BSANT 4.55TS OPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012889141	BSANT 4.62TS OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012793442	BSANT 4.98TS OPENB	EUR	1,1550	1,1650	1,1550			1,1650					
Certificate	NL0012862577	BSANT 5.16TS OPENH	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012890834	BSANT 5.22TS OPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0012596258	BSANT 5.52TS OPENH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012683221	BSANT 5.76TS OPENB	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0012369268	BSANT 5.96TS OPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012239362	BSANT 6.09TS OPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012203087	BSANT 6.23TS OPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CV8AWC3	BSANT2.888TL OPENZ	EUR	1,3700	1,3800	1,3700			1,3800					
Certificate	DE000CD62JF5	BSANT3.388TL OPENZ	EUR	0,8700	0,8800	0,8700			0,8800					
Certificate	DE000CD63CA9	BSANT3.889TL OPENZ	EUR	0,3700	0,3900	0,3700			0,3900					
Certificate	DE000CV885W0	BSGR 10.12TL OPENZ	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CV885X8	BSGR 11.16TL OPENZ	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CV885Y6	BSGR 12.21TL OPENZ	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CJ3PRN5	BSLN 31.65TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CJ3NU40	BSLN 37.14TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CV8B0K6	BSLN 43.54TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CV88W75	BT 1.381TL OPENZ	EUR	1,4300	1,4300	1,4250			1,4250					
Certificate	DE000CV87ZB9	BT 1.588TL OPENZ	EUR	1,2000	1,2000	1,1950			1,1950					
Certificate	DE000CV4ZUX9	BT 1.789TL OPENZ	EUR	0,9700	0,9700	0,9650			0,9650					
Certificate	DE000CV89RV0	BT 1.992TL OPENZ	EUR	0,7400	0,7400	0,7350			0,7350					
Certificate	DE000CJ3N2E1	BT 2.243TL OPENZ	EUR	0,4600	0,4600	0,4550			0,4550					
Certificate	DE000CJ3P646	BTP 123TS OPENZ	EUR											
Certificate	DE000CV89879	BTP 106.3TL OPENZ	EUR	19,9350	19,9350	19,9350			19,9350					
Certificate	DE000CE6CAM9	BTP 111.5TL OPENZ	EUR	14,8450	14,8450	14,8450			14,8450					
Certificate	DE000CV89DX6	BTP 116.6TL OPENZ	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	DE000CV89887	BTP 128.7TS OPENZ	EUR	7,6450	7,6450	7,6450			7,6450					
Certificate	DE000CV894H3	BTP 133.5TS OPENZ	EUR	12,5650	12,5650	12,5650			12,5650					
Certificate	DE000CV508M9	BTP 138.3TS OPENZ	EUR	17,4750	17,4750	17,4750			17,4750					
Certificate	DE000CV508N7	BTP 143.1TS OPENZ	EUR	22,3650	22,3650	22,3650			22,3650					
Certificate	DE000CV882T3	BTP 147.9TS OPENZ	EUR	27,3050	27,3050	27,3050			27,3050					
Certificate	NL0012796726	BUND LEVOPENZ	EUR	52,1800	52,1800	52,1800			52,1800					
Certificate	NL0012796718	BUND SHROPENZ	EUR	47,3200	47,3200	47,3200			47,3200					
Certificate	NL0012565220	BUND 106TL OPENH	EUR	56,9500	56,9500	56,9500			56,9500					
Certificate	NL0012312789	BUND 146TL OPENH	EUR	17,6500	17,6500	17,6500			17,6500					
Certificate	NL0012312771	BUND 147TL OPENH	EUR	16,7200	16,7200	16,7200			16,7200					
Certificate	NL0012310353	BUND 152TL OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	NL0012310346	BUND 154TL OPENH	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0012372486	BUND 169TS OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0012523880	BUND 171TS OPENH	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	NL0012586572	BUND 172TS OPENH	EUR	14,3900	14,3900	14,3900			14,3900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012894240	BUND 182TS OPENH	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	DE000CR9R2M7	BUND 144.TL OPENZ	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	DE000CE6C626	BUND 173.TS OPENZ	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0012372585	BUND 94.1TL OPENH	EUR	68,6400	68,6400	68,6400			68,6400					
Certificate	NL0012312888	BUND 111.6TL OPENH	EUR	51,4500	51,4500	51,4500			51,4500					
Certificate	DE000CR9Q732	BUND 117.7TL OPENZ	EUR	43,2700	43,2700	43,2700			43,2700					
Certificate	NL0012312870	BUND 119.8TL OPENH	EUR	43,4100	43,4100	43,4100			43,4100					
Certificate	NL0012312862	BUND 124.3TL OPENH	EUR	39,0000	39,0000	39,0000			39,0000					
Certificate	DE000CR4I7E8	BUND 126.4TL OPENZ	EUR	34,5500	34,5500	34,5500			34,5500					
Certificate	NL0010126934	BUND 128.6TL OPENB	EUR	34,7400	34,7400	34,7400			34,7400					
Certificate	NL0012312854	BUND 128.8TL OPENH	EUR	34,5900	34,5900	34,5900			34,5900					
Certificate	DE000CR9R2P0	BUND 130.9TL OPENZ	EUR	30,0850	30,0850	30,0850			30,0850					
Certificate	NL0012312847	BUND 132.9TL OPENH	EUR	30,5000	30,5000	30,5000			30,5000					
Certificate	NL0012372577	BUND 134.1TL OPENH	EUR	29,3800	29,3800	29,3800			29,3800					
Certificate	DE000CR9Q740	BUND 135.2TL OPENZ	EUR	25,8100	25,8100	25,8100			25,8100					
Certificate	NL0012608038	BUND 135.3TL OPENH	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0012372569	BUND 136.1TL OPENH	EUR	27,4100	27,4100	27,4100			27,4100					
Certificate	NL0012312839	BUND 137.5TL OPENH	EUR	26,0400	26,0400	26,0400			26,0400					
Certificate	NL0010659975	BUND 138.4TL OPENB	EUR	25,0800	25,0800	25,0800			25,0800					
Certificate	NL0012372551	BUND 139.1TL OPENH	EUR	24,4300	24,4300	24,4300			24,4300					
Certificate	DE000CR9Q757	BUND 139.5TL OPENZ	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	NL0012536577	BUND 140.2TL OPENH	EUR	23,3700	23,3700	23,3700			23,3700					
Certificate	NL0012312821	BUND 141.2TL OPENH	EUR	22,3500	22,3500	22,3500			22,3500					
Certificate	NL0012312813	BUND 142.5TL OPENH	EUR	21,1100	21,1100	21,1100			21,1100					
Certificate	NL0012312805	BUND 143.5TL OPENH	EUR	20,1300	20,1300	20,1300			20,1300					
Certificate	NL0012312797	BUND 144.8TL OPENH	EUR	18,8300	18,8300	18,8300			18,8300					
Certificate	DE000CR9R2N5	BUND 148.4TL OPENZ	EUR	12,6350	12,6350	12,6350			12,6350					
Certificate	NL0012372544	BUND 148.5TL OPENH	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	NL0012372536	BUND 149.5TL OPENH	EUR	14,2500	14,2500	14,2500			14,2500					
Certificate	NL0012372528	BUND 150.5TL OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CN6HR18	BUND 151.9TL OPENZ	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0012583553	BUND 152.6TL OPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000CV4ZV15	BUND 154.5TL OPENZ	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	NL0012600399	BUND 155.4TL OPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0012918684	BUND 156.3TL OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012920888	BUND 157.2TL OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CJ3P802	BUND 158.4TL OPENZ	EUR	2,5900	2,6500	2,5900	2620,0000	2	2,6050	1000				
Certificate	DE000CN6KTK5	BUND 161.6TS OPENZ	EUR	0,6300	0,7650	0,5300	1298,0000	5	0,7650	2200				
Certificate	NL0012310320	BUND 161.7TS OPENH	EUR	3,9000	3,9000	3,8400	2526,0000	2	3,8900	650				
Certificate	NL0012310312	BUND 162.7TS OPENH	EUR	4,7500	4,9000	4,7500	593,7500	1	4,9000	125				
Certificate	NL0012372510	BUND 164.2TS OPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CD61AE9	BUND 165.3TS OPENZ	EUR	4,3600	4,5200	4,3300	1321,0000	3	4,5150	300				
Certificate	NL0011895420	BUND 165.5TS OPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012372502	BUND 167.1TS OPENH	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0012372494	BUND 168.1TS OPENH	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000CE6C618	BUND 169.2TS OPENZ	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	NL0011895412	BUND 170.3TS OPENH	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	NL0012372478	BUND 172.9TS OPENH	EUR	15,3200	15,3200	15,3200			15,3200					
Certificate	NL0012374185	BUND 173.8TS OPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	NL0012431589	BUND 174.9TS OPENH	EUR	17,3200	17,3200	17,3200			17,3200					
Certificate	NL0011895404	BUND 175.1TS OPENH	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	NL0012439632	BUND 176.6TS OPENH	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	DE000CE6C634	BUND 176.8TS OPENZ	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	NL0012537526	BUND 177.6TS OPENH	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	NL0012846646	BUND 178.5TS OPENH	EUR	21,0200	21,0200	21,0200			21,0200					
Certificate	NL0012548069	BUND 179.6TS OPENH	EUR	22,1600	22,1600	22,1600			22,1600					
Certificate	NL0011895396	BUND 179.9TS OPENH	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	DE000CE6CE17	BUND 180.6TS OPENZ	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	NL0012905129	BUND 181.2TS OPENH	EUR	23,7600	23,7600	23,7600			23,7600					
Certificate	DE000CV4Z1J2	BUND 184.5TS OPENZ	EUR	23,6700	23,6700	23,6700			23,6700					
Certificate	NL0012372460	BUND 186.6TS OPENH	EUR	29,2500	29,2500	29,2500			29,2500					
Certificate	NL0012372452	BUND 191.4TS OPENH	EUR	34,1900	34,1900	34,1900			34,1900					
Certificate	DE000CJ3QF61	BUND 192.6TS OPENZ	EUR	31,7300	31,7300	31,7300			31,7300					
Certificate	NL0012372445	BUND 196.3TS OPENH	EUR	39,1800	39,1800	39,1800			39,1800					
Certificate	NL0012372437	BUND 201.3TS OPENH	EUR	44,2100	44,2100	44,2100			44,2100					
Certificate	NL0012372429	BUND 206.1TS OPENH	EUR	49,1600	49,1600	49,1600			49,1600					
Certificate	NL0012372411	BUND 215.8TS OPENH	EUR	59,0700	59,0700	59,0700			59,0700					
Certificate	NL0012372403	BUND 225.5TS OPENH	EUR	68,9700	68,9700	68,9700			68,9700					
Certificate	NL0012920144	BUND 235.3TS OPENH	EUR	78,9100	78,9100	78,9100			78,9100					
Certificate	NL0010766762	BUXL 140.5TL OPENB	EUR	40,5200	40,5200	40,5200			40,5200					
Certificate	NL0010733796	BVLAG STN0920V	EUR	102,6000	102,8500	102,6000	69768,0000	2	102,8500	68000				
Certificate	NL0010872032	BVLAQ STN0121V	USD											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010872040	BVLAR STN0121V	USD	105,4000	105,4000	105,4000			105,4000					
Certificate	DE000CJ3NWF6	BYDC 49TL OPENZ	EUR											
Certificate	DE000CJ3N1M6	BYDC 36.28TL OPENZ	EUR	2,8100	2,8150	2,8100				2,8150				
Certificate	DE000CJ3NWE9	BYDC 42.36TL OPENZ	EUR	2,1600	2,1750	2,1600				2,1750				
Certificate	DE000CJ3PYX0	BYDC 48.36TL OPENZ	EUR	1,5100	1,5250	1,5100				1,5250				
Certificate	FR0013123478	CA155 SHROPENS	EUR											
Certificate	DE000CJ3PL31	CABK 2.19TL OPENZ	EUR	1,4900	1,4900	1,4200				1,4200				
Certificate	DE000CV88582	CABK 2.596TL OPENZ	EUR	1,0800	1,0800	1,0100				1,0100				
Certificate	DE000CV4Y21	CABK 3.092TL OPENZ	EUR	0,5900	0,5900	0,5200				0,5200				
Certificate	DE000CJ3QCP0	CABK 3.493TL OPENZ	EUR	0,2000	0,2000	0,1300				0,1300				
Certificate	NL0009066752	CAC40 350TL OPENB	EUR	46,8500	46,8500	46,8500				46,8500				
Certificate	NL0006471948	CAC40 1290TL OPENB	EUR	37,5700	37,5700	37,5700				37,5700				
Certificate	NL0009070994	CAC40 1860TL OPENB	EUR	31,9600	31,9600	31,9600				31,9600				
Certificate	NL0010129862	CAC40 2570TL OPENB	EUR	25,0000	25,0000	25,0000				25,0000				
Certificate	DE000CT9E629	CAC40 2625TL OPENC	EUR	28,2000	28,2000	28,2000				28,2000				
Certificate	NL0011416797	CAC40 2801TRLOPENH	EUR	22,2100	22,2100	22,2100				22,2100				
Certificate	NL0012849038	CAC40 2840TL OPENH	EUR	22,4000	22,4000	22,4000				22,4000				
Certificate	NL0010251922	CAC40 2860TL OPENB	EUR	22,2200	22,2200	22,2200				22,2200				
Certificate	NL0010252144	CAC40 2910TL OPENB	EUR	21,6600	21,6600	21,6600				21,6600				
Certificate	NL0011416789	CAC40 3017TRLOPENH	EUR	20,0500	20,0500	20,0500				20,0500				
Certificate	NL0010441374	CAC40 3200TL OPENB	EUR	18,7700	18,8000	18,5150	65430,0000	14	18,8000	3500				
Certificate	DE000CZ2EVN3	CAC40 3392TL OPENZ	EUR	16,3200	16,3200	16,3200				16,3200				
Certificate	NL0010891594	CAC40 3430TL OPENB	EUR	16,5800	16,5800	16,5800				16,5800				
Certificate	NL0011053822	CAC40 3437TRLOPENH	EUR	15,8500	15,8500	15,8500				15,8500				
Certificate	NL0011035589	CAC40 3510TL OPENH	EUR	15,8100	15,8100	15,8100				15,8100				
Certificate	DE000CN6IQ58	CAC40 3541TL OPENZ	EUR	14,8300	14,8300	14,8300				14,8300				
Certificate	NL0012861108	CAC40 3560TL OPENH	EUR	15,2800	15,2800	15,2800				15,2800				
Certificate	NL0011648423	CAC40 3600TL OPENB	EUR	14,9500	14,9500	14,9500				14,9500				
Certificate	DE000CN6J40	CAC40 3645TL OPENZ	EUR	13,7900	13,7900	13,7900				13,7900				
Certificate	NL0011037791	CAC40 3660TRLOPENH	EUR	13,6200	13,6200	13,6200				13,6200				
Certificate	DE000CX01JU0	CAC40 3700TL OPENC	EUR	15,6500	15,6500	15,6500				15,6500				
Certificate	DE000CZ79PB8	CAC40 3750TL OPENZ	EUR	12,7500	12,7500	12,7500				12,7500				
Certificate	DE000CW3AMZ5	CAC40 3800TL OPENC	EUR	15,1200	15,1200	15,1200				15,1200				
Certificate	DE000CX0JXV7	CAC40 3800TL OPENC	EUR	15,5700	15,5700	15,5700				15,5700				
Certificate	DE000CN6HJX5	CAC40 3875TL OPENZ	EUR	11,5000	11,5000	11,5000				11,5000				
Certificate	DE000CX008G0	CAC40 3900TL OPENC	EUR	14,1200	14,1200	14,1200				14,1200				
Certificate	DE000CX59NM7	CAC40 3900TL OPENC	EUR	13,2100	13,2100	13,2100				13,2100				
Certificate	NL0011891742	CAC40 3951TRLOPENH	EUR	10,7000	10,7000	10,7000				10,7000				
Certificate	DE000CN6JSQ6	CAC40 3978TL OPENZ	EUR	10,4700	10,4700	10,4700				10,4700				
Certificate	DE000CX01YU9	CAC40 4000TL OPENC	EUR	12,1400	12,1400	12,1400				12,1400				
Certificate	DE000CX00855	CAC40 4000TL OPENC	EUR	13,5300	13,5300	13,5300				13,5300				
Certificate	NL0011908231	CAC40 4080TL OPENB	EUR	10,0000	10,2100	10,0000	100,0000	1	10,2100	10				
Certificate	DE000CD61TX9	CAC40 4080TL OPENZ	EUR	9,4600	9,4600	9,4600				9,4600				
Certificate	DE000CX0KWN4	CAC40 4100TL OPENC	EUR	11,1100	11,1100	11,1100				11,1100				
Certificate	NL0011927447	CAC40 4110TL OPENH	EUR	9,9300	9,9300	9,9300				9,9300				
Certificate	NL0011972328	CAC40 4149TRLOPENH	EUR	8,7300	8,7300	8,7300				8,7300				
Certificate	NL0013018229	CAC40 4172BL OPENB	EUR	8,7200	8,7200	8,7200				8,7200				
Certificate	DE000CD62650	CAC40 4182TL OPENZ	EUR	8,4400	8,4400	8,4400				8,4400				
Certificate	DE000CX0KXF8	CAC40 4200TL OPENC	EUR	10,0900	10,0900	10,0900				10,0900				
Certificate	DE000CX59BU5	CAC40 4200TL OPENC	EUR	10,5500	10,5500	10,5500				10,5500				
Certificate	DE000CX01JV8	CAC40 4200TL OPENC	EUR											
Certificate	LU1841028381	CAC40 4216TCIOPENS	EUR	8,0600	8,0600	8,0600				8,0600				
Certificate	NL0012098008	CAC40 4230TL OPENH	EUR	8,7100	8,7100	8,7100				8,7100				
Certificate	NL0013018237	CAC40 4272BL OPENB	EUR	7,7100	7,7100	7,7100				7,7100				
Certificate	DE000CD62668	CAC40 4284TL OPENZ	EUR	7,4200	7,4200	7,4200				7,4200				
Certificate	DE000CX598L0	CAC40 4300TL OPENC	EUR	9,1200	9,1200	9,1200				9,1200				
Certificate	NL0012097992	CAC40 4340TL OPENH	EUR	7,7000	7,7000	7,7000				7,7000				
Certificate	NL0012906036	CAC40 4358TRLOPENH	EUR	6,6400	6,6400	6,6400				6,6400				
Certificate	NL0012038160	CAC40 4360TL OPENB	EUR	7,5000	7,5000	7,5000				7,5000				
Certificate	NL0012037147	CAC40 4373BL OPENB	EUR	6,7100	6,7100	6,7100				6,7100				
Certificate	DE000CD63JY4	CAC40 4385TL OPENZ	EUR	6,4200	6,4200	6,4200				6,4200				
Certificate	DE000CX59LS8	CAC40 4400TL OPENC	EUR	8,1100	8,1100	8,1100				8,1100				
Certificate	DE000CX59RM8	CAC40 4400TL OPENC	EUR	8,5300	8,5300	8,5300				8,5300				
Certificate	LU1841028464	CAC40 4427TCIOPENS	EUR	5,9500	5,9500	5,9500				5,9500				
Certificate	NL0012097968	CAC40 4440TL OPENH	EUR	6,6900	6,6900	6,6900				6,6900				
Certificate	NL0013008063	CAC40 4445BL OPENB	EUR	5,9900	5,9900	5,9900				5,9900				
Certificate	DE000CD63XM0	CAC40 4486TL OPENZ	EUR	5,4200	5,4200	5,4200				5,4200				
Certificate	NL0013183072	CAC40 4489TRLOPENH	EUR	5,3300	5,3300	5,3300				5,3300				
Certificate	DE000CY52806	CAC40 4500TL OPENC	EUR	6,6800	6,6800	6,6800				6,6800				
Certificate	DE000CY50721	CAC40 4500TL OPENC	EUR	6,6300	6,6300	6,6300				6,6300				
Certificate	DE000CY50MF0	CAC40 4500TL OPENC	EUR	6,6100	6,6100	6,6100				6,6100				
Certificate	DE000CQ5ALV9	CAC40 4500TL OPENC	EUR	6,6700	6,6700	6,6700				6,6700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06859	CAC40 4500TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CY59UL4	CAC40 4500TL OPENC	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CQ5A9R6	CAC40 4500TL OPENC	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CY508S3	CAC40 4500TL OPENC	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	NL0013086598	CAC40 4509TRLOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012098776	CAC40 4510TL OPENB	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0013126261	CAC40 4530TL OPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000VA8F4A9	CAC40 4531TL OPENV	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012097000	CAC40 4539TRLOPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0013008071	CAC40 4545BL OPENB	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000VA8F4B7	CAC40 4556TL OPENV	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0013086580	CAC40 4569TRLOPENH	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0013087190	CAC40 4570TL OPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000VA8FUQ8	CAC40 4581TL OPENV	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CD63YE5	CAC40 4586TL OPENZ	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0013086572	CAC40 4589TRLOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000CY51NA7	CAC40 4600TL OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CX59Y43	CAC40 4600TL OPENC	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CX59Z26	CAC40 4600TL OPENC	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	NL0012572119	CAC40 4600TL OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000VA8FUS4	CAC40 4606TL OPENV	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0013086564	CAC40 4609TRLOPENH	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	LU1840976564	CAC40 4627TCIOPENS	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VA8FUU0	CAC40 4631TL OPENV	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013082837	CAC40 4642TRLOPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0013008089	CAC40 4645BL OPENB	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012114896	CAC40 4660TL OPENB	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0013082258	CAC40 4675TRLOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012197180	CAC40 4680TL OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CD643G8	CAC40 4687TL OPENZ	EUR	3,1800	3,4200	3,1800	477,0000	1	3,4200	150				
Certificate	NL0012175988	CAC40 4696TRLOPENH	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CQ5AXD2	CAC40 4700TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CY0AL30	CAC40 4700TL OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	LU1840976648	CAC40 4713TCIOPENS	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0013080831	CAC40 4726TRLOPENH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0013008097	CAC40 4746BL OPENB	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0013081391	CAC40 4750TL OPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000VL9VUA4	CAC40 4757TL OPENV	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013080823	CAC40 4766TRLOPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012120356	CAC40 4770TL OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VL9VUB2	CAC40 4782TL OPENV	EUR	2,9800	3,1600	2,7950	7588,0000	5	3,1600	2600				
Certificate	DE000CE6BTX8	CAC40 4787TL OPENZ	EUR	2,2500	2,4300	2,2500	472,5000	1	2,4300	210				
Certificate	NL0013085814	CAC40 4795TRLOPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CQ5AXR2	CAC40 4800TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CY16BD9	CAC40 4800TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CY16CR7	CAC40 4800TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000VA9CSG8	CAC40 4806TL OPENV	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000VL9VUC0	CAC40 4807TL OPENV	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012200711	CAC40 4810TRLOPENH	EUR	2,0700	2,1200	1,7500	728,7500	3	2,1200	375				
Certificate	LU1840976721	CAC40 4820TCIOPENS	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012899819	CAC40 4820TL OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0013078447	CAC40 4845TRLOPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012687081	CAC40 4846BL OPENB	EUR	1,8800	1,9800	1,8600	3760,0000	1	1,9800	2000				
Certificate	LU1876838233	CAC40 4850TCIOPENS	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000VA8F543	CAC40 4856TL OPENV	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013084106	CAC40 4870TL OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	LU1876838316	CAC40 4875TCIOPENS	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0013015100	CAC40 4880TL OPENB	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012208136	CAC40 4881TRLOPENH	EUR	1,2800	1,4300	1,1200	4512,0000	7	1,4300	3600				
Certificate	DE000VN66N04	CAC40 4887TL OPENV	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CE6C0S6	CAC40 4887TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	LU1876838407	CAC40 4900TCIOPENS	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CY52ZG6	CAC40 4900TL OPENC	EUR											
Certificate	DE000CY16GH9	CAC40 4900TL OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000VL61TF9	CAC40 4902TL OPENV	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000VA90WK5	CAC40 4911TL OPENV	EUR											
Certificate	NL0013185317	CAC40 4920TL OPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	LU1876838589	CAC40 4950TCIOPENS	EUR											
Certificate	DE000VL76G11	CAC40 4954TL OPENV	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	LU1876838662	CAC40 4975TCIOPENS	EUR											
Certificate	LU1876838746	CAC40 5000TCIOPENS	EUR											
Certificate	DE000CY16RN4	CAC40 5000TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1876838829	CAC40 5025TCIOPENS	EUR											
Certificate	NL0013183577	CAC40 5030TS OPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0013183064	CAC40 5043TRSOPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	LU1876841450	CAC40 5050TPIOPIENS	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0013155740	CAC40 5050TS OPENB	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000VA9C4L8	CAC40 5056TS OPENV	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0013183056	CAC40 5063TRSOPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	LU1876841534	CAC40 5075TPIOPIENS	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000VA9C4N4	CAC40 5081TS OPENV	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013183049	CAC40 5083TRSOPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CJ3QEM3	CAC40 5087TS OPENZ	EUR											
Certificate	DE000CJ3QLC9	CAC40 5087TS OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0013182181	CAC40 5090TS OPENH	EUR	2,1400	2,1900	1,8200	24,7100	12	1,8200		12			
Certificate	LU1876841617	CAC40 5100TPIOPIENS	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP233M2	CAC40 5100TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013183031	CAC40 5103TRSOPENH	EUR	1,0500	1,1100	0,9200	864,0000	2	0,9200		800			
Certificate	DE000VA9C4P9	CAC40 5106TS OPENV	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013183023	CAC40 5123TRSOPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	LU1876841708	CAC40 5125TPIOPIENS	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013134166	CAC40 5130TS OPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000VA9C4R5	CAC40 5131TS OPENV	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0013182504	CAC40 5142TRSOPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	LU1876841880	CAC40 5150TPIOPIENS	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013155187	CAC40 5155BS OPENB	EUR	1,7100	1,9700	1,6300	13214,0000	6	1,6300	7200				
Certificate	DE000VA9C274	CAC40 5156TS OPENV	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0013085475	CAC40 5158TRSOPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013015258	CAC40 5160TS OPENB	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0013085236	CAC40 5180TS OPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CJ3QBG1	CAC40 5185TS OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0013082811	CAC40 5186TRSOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VA8FUL9	CAC40 5192TS OPENV	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CP236M5	CAC40 5200TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CV52ZH4	CAC40 5200TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013082803	CAC40 5216TRSOPENH	EUR	2,2000	2,3500	2,0300	762,3000	3	2,0300	340				
Certificate	DE000VA8FUN5	CAC40 5217TS OPENV	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013081375	CAC40 5230TS OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0013080815	CAC40 5236TRSOPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000VA8FRZ5	CAC40 5242TS OPENV	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	LU1840974353	CAC40 5244TPIOPIENS	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013011273	CAC40 5254BS OPENB	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013080807	CAC40 5266TRSOPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VA7THT2	CAC40 5268TS OPENV	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013009400	CAC40 5270TS OPENB	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CJ3N4A5	CAC40 5284TS OPENZ	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013081367	CAC40 5290TS OPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VA7THV8	CAC40 5293TS OPENV	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013080799	CAC40 5295TRSOPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CP06V65	CAC40 5300TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	LU1840974437	CAC40 5302TPIOPIENS	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000VA7THW6	CAC40 5318TS OPENV	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA1SSN7	CAC40 5324TL OPENV	EUR											
Certificate	NL0013080781	CAC40 5325TRSOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0013131808	CAC40 5330TS OPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000VA71LX1	CAC40 5343TS OPENV	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0013008444	CAC40 5354BS OPENB	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013080773	CAC40 5355TRSOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013007792	CAC40 5360TS OPENB	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VA71LY9	CAC40 5368TS OPENV	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012914469	CAC40 5380TL OPENH	EUR											
Certificate	DE000CJ3N146	CAC40 5384TS OPENZ	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0013079510	CAC40 5385TRSOPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012909923	CAC40 5390TL OPENH	EUR											
Certificate	NL0013079221	CAC40 5390TS OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012915821	CAC40 5392TRLOPENH	EUR											
Certificate	DE000VA7TEU7	CAC40 5394TS OPENV	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0013079502	CAC40 5395TRSOPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CQ5AXS0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CQ5AXE0	CAC40 5400TL OPENC	EUR											
Certificate	LU1876841963	CAC40 5400TPIOPIENS	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CP07BP0	CAC40 5400TS OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CP06V73	CAC40 5400TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	LU1840959800	CAC40 5402TPIOPIENS	EUR	3,7000	3,7000	3,7000			3,7000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079494	CAC40 5404TRSOPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0013079080	CAC40 5410TS OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0012915813	CAC40 5412TRLOPENH	EUR											
Certificate	NL0013079486	CAC40 5414TRSOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000VA77EV5	CAC40 5419TS OPENV	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013078439	CAC40 5421TRSOPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012915250	CAC40 5430TL OPENH	EUR											
Certificate	NL0012915805	CAC40 5430TRLOPENH	EUR											
Certificate	NL0013126824	CAC40 5443TRSOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0013127764	CAC40 5444TRSOPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VA7TAZ4	CAC40 5447TS OPENV	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0013078421	CAC40 5451TRSOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0013006117	CAC40 5453BS OPENB	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0013005382	CAC40 5470TS OPENB	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012907810	CAC40 5470TS OPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000VA7TA19	CAC40 5472TS OPENV	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	LU1840910464	CAC40 5479TPIOPENS	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0013185754	CAC40 5480TRSOPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0013078413	CAC40 5481TRSOPENH	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CJ3NZW4	CAC40 5483TS OPENZ	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012915243	CAC40 5490TL OPENH	EUR											
Certificate	DE000VA7TA35	CAC40 5497TS OPENV	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	LU1876842003	CAC40 5500TPIOPENS	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CP06V81	CAC40 5500TS OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CP064K5	CAC40 5500TS OPENC	EUR											
Certificate	NL0013078132	CAC40 5505TRSOPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000VA7PWG6	CAC40 5522TS OPENV	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0012920649	CAC40 5530TS OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012916316	CAC40 5535TRSOPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0013181126	CAC40 5538TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	LU1876842185	CAC40 5540TPIOPENS	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0013182108	CAC40 5540TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012530059	CAC40 5544TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0013148729	CAC40 5550BOC1219B	EUR	50,6700	50,6700	50,5700			50,5700					
Certificate	NL0012539878	CAC40 5550TS OPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0012786461	CAC40 5552BS OPENB	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012785687	CAC40 5560TS OPENB	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0012905350	CAC40 5566TRSOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012529085	CAC40 5580TS OPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000CE6CGS3	CAC40 5580TS OPENZ	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0012916308	CAC40 5584TRSOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012905343	CAC40 5596TRSOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012051643	CAC40 5600TS OPENH	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0012890586	CAC40 5610TS OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0012904049	CAC40 5619TRSOPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000VA15UL4	CAC40 5627TS OPENV	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012905657	CAC40 5628TRSOPENH	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	NL0011590393	CAC40 5641TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012895064	CAC40 5650TS OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000VA15UN0	CAC40 5652TS OPENV	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0012790786	CAC40 5655BS OPENB	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012918882	CAC40 5658TRSOPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012905640	CAC40 5668TRSOPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	LU1876842268	CAC40 5675TPIOPENS	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CE6CSU4	CAC40 5681TS OPENZ	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0012904031	CAC40 5689TRSOPENH	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0011227905	CAC40 5690TS OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	LU1876842342	CAC40 5700TPIOPENS	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CQ5BLX3	CAC40 5700TS OPENC	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012557235	CAC40 5701TRSOPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0012905632	CAC40 5727TRSOPENH	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	NL0012860068	CAC40 5730TS OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012520100	CAC40 5735TRSOPENH	EUR											
Certificate	NL0012904775	CAC40 5764TRSOPENH	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000VA15QS7	CAC40 5765TS OPENV	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012580668	CAC40 5770TS OPENH	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	NL0012791693	CAC40 5790TS OPENB	EUR	9,0300	9,0300	8,8600	903,0000	1	8,8600	100				
Certificate	DE000CY52EW8	CAC40 5800TS OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CE6D194	CAC40 5800TS OPENZ	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0012848584	CAC40 5810TS OPENH	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	LU1790508979	CAC40 5818TPIOPENS	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012848253	CAC40 5818TRSOPENH	EUR	8,0400	8,0400	8,0400			8,0400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013003155	CAC40 5840TS OPENB	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	NL0012905624	CAC40 5846TRSOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012909055	CAC40 5860TS OPENH	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	LU1651904085	CAC40 5866TPIOPENS	EUR											
Certificate	NL0012904767	CAC40 5883TRSOPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012860944	CAC40 5890TS OPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CE6F1F8	CAC40 5898TS OPENZ	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	LU1695124005	CAC40 5903TPIOPENS	EUR											
Certificate	NL0012905616	CAC40 5906TRSOPENH	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0012894943	CAC40 5910TS OPENH	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0012269641	CAC40 5940BOC1218B	EUR	59,1500	59,1500	58,9500			58,9500					
Certificate	NL0012864045	CAC40 5940TRSOPENH	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	NL0012243141	CAC40 5940TS OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000VA1ZD97	CAC40 5959TS OPENV	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000VL2FX77	CAC40 5970TS OPENV	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000VL37H42	CAC40 5971TS OPENV	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VA1ZE87	CAC40 5984TS OPENV	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0012097729	CAC40 5990TS OPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	NL0012905608	CAC40 5996TRSOPENH	EUR	9,8200	9,8200	9,8200			9,8200					
Certificate	DE000CQ58NL4	CAC40 6000TS OPENC	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CY52ND9	CAC40 6000TS OPENC	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CY50412	CAC40 6000TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CQ58AT4	CAC40 6000TS OPENC	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000CY16XV5	CAC40 6000TS OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CE6FA83	CAC40 6000TS OPENZ	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000VA1ZED3	CAC40 6009TS OPENV	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000VL2FYA4	CAC40 6020TS OPENV	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000VL37H59	CAC40 6021TS OPENV	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VN66M21	CAC40 6031TS OPENV	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000VN66L71	CAC40 6031TS OPENV	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000VA1ZEE1	CAC40 6034TS OPENV	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000VA1ZE88	CAC40 6059TS OPENV	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0012903819	CAC40 6060TS OPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000VL2FYC0	CAC40 6070TS OPENV	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000VL37H67	CAC40 6071TS OPENV	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000VN66M47	CAC40 6081TS OPENV	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000VN66L97	CAC40 6081TS OPENV	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000VA1ZEG6	CAC40 6084TS OPENV	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VA15QU3	CAC40 6090TS OPENV	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	LU1756868433	CAC40 6091TPIOPENS	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000CE6FCK2	CAC40 6096TS OPENZ	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	DE000CY52EX6	CAC40 6100TS OPENC	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000VA15QW9	CAC40 6115TS OPENV	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000VA15QX7	CAC40 6140TS OPENV	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	NL0012905590	CAC40 6155TRSOPENH	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	DE000VA15Q22	CAC40 6165TS OPENV	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CY16XW3	CAC40 6200TS OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CY16F96	CAC40 6200TS OPENC	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CY51G18	CAC40 6200TS OPENC	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	NL0012906028	CAC40 6305TRSOPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	DE000CV89051	CAC40 6305TS OPENZ	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0012903801	CAC40 6310TS OPENH	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	DE000CY52RY6	CAC40 6400TS OPENC	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CY501L3	CAC40 6400TS OPENC	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0012196562	CAC40 6464TRSOPENH	EUR	14,5000	14,5000	14,5000			14,5000					
Certificate	DE000CV87MQ5	CAC40 6496TS OPENZ	EUR	14,8600	14,8600	14,8600			14,8600					
Certificate	DE000CQ58AU2	CAC40 6500TS OPENC	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000CY16H60	CAC40 6500TS OPENC	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CY50QT2	CAC40 6500TS OPENC	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	DE000CQ5A9T2	CAC40 6500TS OPENC	EUR	12,8600	12,8600	12,8600			12,8600					
Certificate	NL0012175947	CAC40 6552TRSOPENH	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000CY50LJ4	CAC40 6600TS OPENC	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	DE000CQ5AC16	CAC40 6600TS OPENC	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	NL0012202071	CAC40 6741TRSOPENH	EUR	17,2700	17,2700	17,2700			17,2700					
Certificate	DE000CQ5BEV2	CAC40 6800TS OPENC	EUR	17,0100	17,0100	17,0100			17,0100					
Certificate	DE000CY52AT2	CAC40 6800TS OPENC	EUR	14,9800	14,9800	14,9800			14,9800					
Certificate	NL0012860894	CAC40 6820TS OPENH	EUR	19,4900	19,4900	19,4900			19,4900					
Certificate	DE000CV88L52	CAC40 6904TS OPENZ	EUR	18,9400	18,9400	18,9400			18,9400					
Certificate	DE000CY52GA9	CAC40 7000TS OPENC	EUR	17,4900	17,4900	17,4900			17,4900					
Certificate	NL0012906010	CAC40 7100TRSOPENH	EUR	20,8600	20,8600	20,8600			20,8600					
Certificate	NL0013082241	CAC40 7269TRSOPENH	EUR	22,5400	22,5400	22,5400			22,5400					
Certificate	NL0012524300	CAC40 7500TRSOPENH	EUR	24,8600	24,8600	24,8600			24,8600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012523591	CAC40 7580TS OPENH	EUR	27,2800	27,2800	27,2800			27,2800					
Certificate	NL0012906002	CAC40 7846TRSOPENH	EUR	28,3200	28,3200	28,3200			28,3200					
Certificate	NL0012520092	CAC40 7895TRSOPENH	EUR											
Certificate	DE000CX592U4	CAGRI 8TL OPENC	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CX59PD1	CAGRI 9TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CQ58E21	CAGRI 9TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CX59KA8	CAGRI 9TL OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CX59PE9	CAGRI 10TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CX59KB6	CAGRI 10TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CY16AJ8	CAGRI 11TL OPENC	EUR											
Certificate	DE000CX59UY7	CAGRI 11TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CY16RZ8	CAGRI 12TL OPENC	EUR											
Certificate	DE000CP23284	CAGRI 12TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06TU4	CAGRI 13TS OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CY52VF7	CAGRI 15TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CQ5AC54	CAGRI 16TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CY50GX5	CAGRI 16TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CY500G5	CAGRI 16TS OPENC	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CY50EN1	CAGRI 18TS OPENC	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CY16WS3	CAGRI 18TS OPENC	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0010133906	CAGRI 2.01TL OPENB	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	NL0011599709	CAGRI 3.33TL OPENH	EUR	8,1100	8,1100	8,0000			8,0000					
Certificate	NL0010379244	CAGRI 4.07TL OPENB	EUR	7,2650	7,2650	7,2650			7,2650					
Certificate	NL0011413075	CAGRI 4.57TL OPENH	EUR	6,9800	6,9800	6,8700			6,8700					
Certificate	NL0012056279	CAGRI 8.15TL OPENH	EUR	3,7200	3,7200	3,6100			3,6100					
Certificate	DE000CV89P40	CAGRI 8.89TL OPENZ	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0012049795	CAGRI 9.21TL OPENH	EUR	2,7500	2,7500	2,6400			2,6400					
Certificate	NL0012115091	CAGRI10.51TL OPENB	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0012582522	CAGRI13.73TS OPENH	EUR	4,1100	4,2600	4,1100			4,2600					
Certificate	NL0012559678	CAGRI14.69TS OPENH	EUR	5,1800	5,3200	5,1800			5,3200					
Certificate	NL0012560932	CAGRI14.69TS OPENH	EUR	5,1800	5,3300	5,1800			5,3300					
Certificate	NL0012107510	CAGRI14.85TS OPENB	EUR	5,5000	5,5050	5,5000	5500,0000	1	5,5050	1000				
Certificate	NL0012054050	CAGRI15.71TS OPENH	EUR	6,3000	6,4500	6,3000			6,4500					
Certificate	NL0012049779	CAGRI16.14TS OPENH	EUR	6,7900	6,9400	6,7900			6,9400					
Certificate	NL0012313969	CAGRI18.13TS OPENH	EUR	8,9900	9,1400	8,9900			9,1400					
Certificate	NL0012313951	CAGRI18.62TS OPENH	EUR	9,5300	9,6800	9,5300			9,6800					
Certificate	NL0012313944	CAGRI20.55TS OPENH	EUR	11,6700	11,8200	11,6700			11,8200					
Certificate	NL0012371710	CAGRI22.52TS OPENH	EUR	13,8600	14,0100	13,8600			14,0100					
Certificate	DE000CV898J0	CAGRI7.892TL OPENZ	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000CD63PN4	CAGRI9.887TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012023543	CAMEC 6.7TL OPENB	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012985469	CAPGE 116TS OPENB	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	NL0010926572	CAPGE 59.2TL OPENB	EUR	4,8350	4,8850	4,8350			4,8850					
Certificate	NL0011652094	CAPGE 69.8TL OPENB	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0012120661	CAPGE 80.1TL OPENB	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	NL0012259543	CAPGE 84.2TL OPENB	EUR	2,6000	2,6000	2,5750	595,4000	1	2,5750	229				
Certificate	NL0013015878	CAPGE 90.2TL OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0013017064	CAPGE 94.2TL OPENB	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0013018039	CAPGE 96.2TL OPENB	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0013154875	CAPGE107.2TS OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0013154271	CAPGE110.2TS OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0013010051	CAPGE113.2TS OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0013005564	CAPGE119.2TS OPENB	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CN6JXM5	CAPGE71.91TL OPENZ	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CE6BW65	CAPGE80.83TL OPENZ	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CE6CRK7	CAPGE90.74TL OPENZ	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CE6CD59	CARBO 4.53TL OPENZ	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	DE000CE6E820	CARBO 5.05TL OPENZ	EUR	14,5300	14,5300	14,5300			14,5300					
Certificate	DE000CE6F6K7	CARBO 5.56TL OPENZ	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000CV87EV2	CARBO 8.75TL OPENZ	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	DE000CV87V10	CARBO 9.53TL OPENZ	EUR	10,1100	10,1800	10,1100	1011,0000	1	10,1800	100				
Certificate	DE000CV88509	CARBO12.11TL OPENZ	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	DE000CJ3QA66	CARBO15.11TL OPENZ	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CV885M1	CARBO17.22TL OPENZ	EUR											
Certificate	DE000CJ3QA74	CARBO18.11TL OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CJ3N324	CARBO21.14TS OPENZ	EUR											
Certificate	DE000CJ3NJA4	CARBO24.16TS OPENZ	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CV88BR3	CARBO29.01TS OPENZ	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000CN6JWA2	CARLS 566.TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CN6EPG4	CARLS467.2TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CR6XTE7	CARLS516.9TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6DC59	CARLS670.2TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011419098	CATER 52.3TL OPENH	EUR	67,6300	70,4200	67,6300			70,4200					
Certificate	NL0000455343	CEC PI OPENN	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	NL0009070499	CEC 500TL OPENB	EUR	12,8500	12,8500	12,8500				12,8500				
Certificate	NL0012793996	CEC 1520TL OPENB	EUR	3,2400	3,2400	3,2400				3,2400				
Certificate	NL0013145550	CEC 1620TL OPENB	EUR	2,3000	2,3000	2,3000				2,3000				
Certificate	NL0012790430	CEC 1790TS OPENB	EUR	1,5600	1,5600	1,5600				1,5600				
Certificate	NL0012687925	CEC 1900TS OPENB	EUR	2,7000	2,7000	2,7000				2,7000				
Certificate	NL0013018013	CEVA 22.03TL OPENB	EUR	8,6400	8,6800	8,6400				8,6800				
Certificate	NL0013018005	CEVA 24.23TL OPENB	EUR	6,8700	6,9000	6,8700				6,9000				
Certificate	DE000CV4Z2K5	CFEB 114.TS OPENZ	EUR	1,3700	1,3700	1,3700				1,3700				
Certificate	DE000CD62VR5	CFEB 84.8TL OPENZ	EUR	0,7100	0,7100	0,7100				0,7100				
Certificate	NL0013158009	CFEB 87.98L OPENB	EUR	0,3750	0,3750	0,3750				0,3750				
Certificate	NL0012998165	CFEB 109.2BS OPENB	EUR	0,8650	0,8650	0,8650				0,8650				
Certificate	NL0012998173	CFEB 124.1BS OPENB	EUR	1,6150	1,6150	1,6150				1,6150				
Certificate	DE000CV4ZJTO	CFEB 127.2TS OPENZ	EUR	2,0600	2,0600	2,0600				2,0600				
Certificate	DE000CJ3QJ67	CFEB 53.63TL OPENZ	EUR	2,1800	2,1800	2,1800				2,1800				
Certificate	DE000CJ3N6Z7	CFEB 59.63TL OPENZ	EUR	1,9000	1,9000	1,9000				1,9000				
Certificate	DE000CV89B46	CFEB 66.55TL OPENZ	EUR	1,5700	1,5700	1,5700				1,5700				
Certificate	NL0013008667	CFEB 67.87BL OPENB	EUR	1,3750	1,3750	1,3750				1,3750				
Certificate	DE000CN6G1P7	CFEB 77.32TL OPENZ	EUR	1,0600	1,0600	1,0600				1,0600				
Certificate	NL0012997944	CFEB 77.91BL OPENB	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	NL0013146400	CFEB 87.89BL OPENB	EUR											
Certificate	NL0013156094	CFEB 94.27BS OPENB	EUR											
Certificate	NL0010113866	CFOUR 7.58TL OPENB	EUR	9,6900	9,6900	9,6900				9,6900				
Certificate	NL0012313993	CFOUR 7.97TL OPENH	EUR	9,3400	9,5500	9,3400				9,5500				
Certificate	DE000CV88590	CFOUR10.77TL OPENZ	EUR	1,5100	1,5400	1,5100				1,5400				
Certificate	NL0010128989	CFOUR10.95TL OPENB	EUR	6,5500	6,5500	6,5500				6,5500				
Certificate	NL0012313985	CFOUR11.03TL OPENH	EUR	6,4800	6,6900	6,4800				6,6900				
Certificate	DE000CV89P32	CFOUR11.76TL OPENZ	EUR	1,2700	1,3000	1,2700				1,3000				
Certificate	DE000CE6EKF8	CFOUR12.76TL OPENZ	EUR	1,0200	1,0500	1,0200				1,0500				
Certificate	NL0012794366	CFOUR12.97TL OPENB	EUR	4,6800	4,6800	4,6800				4,6800				
Certificate	NL0012932347	CFOUR13.42TL OPENH	EUR	4,2600	4,4700	4,2600				4,4700				
Certificate	NL0012985105	CFOUR13.97TL OPENB	EUR	3,7500	3,7500	3,7500				3,7500				
Certificate	DE000CV883Z8	CFOUR14.75TL OPENZ	EUR	0,5200	0,5500	0,5200				0,5500				
Certificate	NL0012897839	CFOUR14.76TL OPENH	EUR	3,0100	3,2200	3,0100				3,2200				
Certificate	NL0012996706	CFOUR14.96TL OPENB	EUR	2,8400	2,8400	2,8400				2,8400				
Certificate	NL0013013667	CFOUR15.96TL OPENB	EUR	1,9000	1,9000	1,9000				1,9000				
Certificate	NL0013127285	CFOUR16.25TL OPENH	EUR	1,6300	1,8400	1,6300				1,8400				
Certificate	NL0012492383	CFOUR18.97TS OPENB	EUR	3,7600	3,7600	3,7600				3,7600				
Certificate	NL0012572614	CFOUR19.22TS OPENH	EUR	4,0500	4,0500	3,9400				3,9400				
Certificate	NL0012572606	CFOUR19.71TS OPENH	EUR	4,5700	4,5700	4,4700				4,4700				
Certificate	NL0012437115	CFOUR20.04TS OPENH	EUR	4,9400	4,9400	4,8200				4,8200				
Certificate	NL0013014202	CFOUR20.97TS OPENB	EUR	5,9300	5,9300	5,9300				5,9300				
Certificate	NL0012437107	CFOUR22.96TS OPENH	EUR	8,0700	8,0700	7,9700				7,9700				
Certificate	NL0011599733	CFOUR23.63TS OPENH	EUR	8,8000	8,8000	8,6900				8,6900				
Certificate	NL0013131220	CFOUR26.75TS OPENH	EUR	12,1700	12,1700	12,0700				12,0700				
Certificate	NL0012211379	CFOUR27.63TS OPENH	EUR	13,1200	13,1200	13,0200				13,0200				
Certificate	NL0011415583	CFOUR28.99TS OPENH	EUR	14,5800	14,5800	14,4800				14,4800				
Certificate	NL0012313977	CFOUR33.58TS OPENH	EUR	19,5400	19,5400	19,4300				19,4300				
Certificate	DE000CV89P24	CFOUR8.751TL OPENZ	EUR	2,0200	2,0500	2,0200				2,0500				
Certificate	DE000CJ3N575	CHCST 4.4TL OPENZ	EUR	2,8900	2,9700	2,8900				2,9700				
Certificate	DE000CJ3PE71	CHCST 5.8TL OPENZ	EUR	1,4000	1,4800	1,4000				1,4800				
Certificate	DE000CV89TH5	CHCST 5.09TL OPENZ	EUR	2,1600	2,2400	2,1600				2,2400				
Certificate	DE000CV89TJ1	CHCST 6.13TL OPENZ	EUR											
Certificate	NL0006472730	CHMOB 22TL OPENB	EUR	2,5650	2,5650	2,5650				2,5650				
Certificate	NL0009068931	CHMOB 16.2TL OPENB	EUR	3,0450	3,0450	3,0450				3,0450				
Certificate	NL0009070697	CHMOB 27.7TL OPENB	EUR	2,0950	2,0950	2,0950				2,0950				
Certificate	NL0009173004	CHMOB 34.1TL OPENB	EUR	1,5750	1,5750	1,5750				1,5750				
Certificate	DE000CV89TM5	CHMOB52.24TL OPENZ	EUR	3,2450	3,2450	3,2200				3,2200				
Certificate	DE000CV89TN3	CHMOB62.94TL OPENZ	EUR	2,1050	2,1050	2,0800				2,0800				
Certificate	NL0010129714	CISCO 5.3TL OPENB	EUR	37,2700	37,2700	37,2700				37,2700				
Certificate	NL00090703644	CISCO 7.9TL OPENB	EUR	35,1900	35,1900	35,1900				35,1900				
Certificate	NL0010130662	CISCO 10.1TL OPENB	EUR	33,4200	33,4200	33,4200				33,4200				
Certificate	NL0010252789	CISCO 14.7TL OPENB	EUR	29,7600	29,7600	29,7600				29,7600				
Certificate	NL0011910609	CISCO 27.9TL OPENB	EUR	19,1400	19,1400	19,1400				19,1400				
Certificate	DE000CX0KZJ5	CISCO28.19TL OPENC	EUR	1,5700	1,5700	1,5700				1,5700				
Certificate	NL0010135158	QITI 31.61TL OPENB	EUR	32,6900	32,6900	32,6900				32,6900				
Certificate	NL0011915152	QITI 43.41TL OPENB	EUR	23,6400	23,6400	23,6400				23,6400				
Certificate	NL0012024707	QITI 48.12TL OPENB	EUR	20,0100	20,0100	20,0100				20,0100				
Certificate	DE000VA234S1	CL1 SHROPE NV	EUR	3,1650	3,1650	3,1650				3,1650				
Certificate	DE000VA545W2	CL1 SHROPE NV	EUR	11,4300	11,4300	11,4300				11,4300				
Certificate	DE000CJ3PSZ7	CLARI13.88TL OPENZ	EUR	1,2500	1,2650	1,2500				1,2650				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N4P3	CLARI16.39TL OPENZ	EUR	0,8200	0,8350	0,8200			0,8350					
Certificate	DE000CV8AV36	CLARI18.86TL OPENZ	EUR	0,4000	0,4150	0,4000			0,4150					
Certificate	DE000CJ3PSA0	CLIFE11.01TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CV8BAA1	CLIFE13.01TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CV89TK9	CLIFE15.15TL OPENZ	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000CV89TL7	CLIFE17.15TL OPENZ	EUR											
Certificate	DE000CV89VX8	CLIFE19.22TL OPENZ	EUR											
Certificate	NL0009706407	CM10Y STN1120V	EUR											
Certificate	DE000VL23R12	CO1 LEVOPENV	EUR											
Certificate	DE000VA234V5	CO1 SHROPENV	EUR	8,7350	8,7350	8,7350			8,7350					
Certificate	DE000VL51Z25	CO1 SHROPENV	EUR	0,0750	0,0750	0,0750			0,0750					
Certificate	NL0006469876	COCA 10TL OPENB	EUR	70,9900	70,9900	70,9900			70,9900					
Certificate	NL0009809797	COCA 25.9TL OPENB	EUR	44,8300	44,8300	44,8300			44,8300					
Certificate	NL0010111233	COCA 31.3TL OPENB	EUR	36,0000	36,0000	36,0000			36,0000					
Certificate	NL0010374534	COCA 34.4TL OPENB	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	NL0011414081	COCA 54.1TS OPENH	EUR	8,1100	8,1100	7,8900			7,8900					
Certificate	NL0012510390	COCA 55.7TS OPENB	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	NL0013154883	COCA 61.2TS OPENB	EUR	14,6350	14,6350	14,6350			14,6350					
Certificate	DE000CR6XYR9	COCA 22.99TL OPENZ	EUR	22,8200	22,8200	22,6900			22,6900					
Certificate	DE000CD61R26	COCA 24.13TL OPENZ	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CD613T4	COCA 27.75TL OPENZ	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0011414198	COCA 28.69TL OPENH	EUR	20,0900	20,1100	20,0900			20,1100					
Certificate	DE000CR6XT22	COCA 28.84TL OPENZ	EUR	17,6400	17,6400	17,5300			17,5300					
Certificate	NL0011414180	COCA 30.88TL OPENH	EUR	18,2800	18,3100	18,2800			18,3100					
Certificate	DE000CV89SL9	COCA 32.94TL OPENZ	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0011414172	COCA 33.07TL OPENH	EUR	16,4600	16,5100	16,4600			16,5100					
Certificate	NL0011414164	COCA 35.26TL OPENH	EUR	14,6500	14,7000	14,6500			14,7000					
Certificate	DE000CR1JQ70	COCA 35.41TL OPENZ	EUR	12,4900	12,5800	12,4900			12,5800					
Certificate	NL0011414156	COCA 37.46TL OPENH	EUR	12,8300	12,9000	12,8300			12,9000					
Certificate	DE000CR4HYM8	COCA 38.03TL OPENZ	EUR	10,1400	10,2300	10,1400			10,2300					
Certificate	DE000CJ3P1A9	COCA 38.18TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0011414149	COCA 39.65TL OPENH	EUR	11,0200	11,1000	11,0200			11,1000					
Certificate	NL0011414073	COCA 59.91TS OPENH	EUR	13,6800	13,6800	13,4300			13,4300					
Certificate	NL0013110497	COCOA LEVOPENZ	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0013110505	COCOA SHROPENV	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000CE6CG15	COCOA 1601TL OPENZ	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	DE000CE6CG23	COCOA 1701TL OPENZ	EUR	4,3400	4,3400	4,1800	3625,0000	2	4,2150	850				
Certificate	DE000CE6BJ59	COCOA 1821TL OPENZ	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CE6BJR1	COCOA 1931TL OPENZ	EUR	2,3600	2,3600	2,1500	2223,5000	2	2,2400	1000				
Certificate	DE000CJ3PCA4	COCOA 2131TL OPENZ	EUR											
Certificate	DE000CJ3QKG2	COCOA 2311TS OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CV8AHY8	COCOA 2511TS OPENZ	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000CV89D02	COCOA 2711TS OPENZ	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CV894M3	COCOA 2901TS OPENZ	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000CV87XH1	COCOA 3091TS OPENZ	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CV884B7	COCOA 3281TS OPENZ	EUR	11,2550	11,2550	11,2550			11,2550					
Certificate	DE000CB1N1X2	COCOA 3481TS OPENZ	EUR	13,0350	13,0350	13,0350			13,0350					
Certificate	DE000VA545Z5	COFFE LEVOPENV	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000VN611C9	COFFE LEVOPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VN611B1	COFFE LEVOPENV	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000VN611D7	COFFE LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VA12HS4	COFFE LEVOPENV	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000VN611G0	COFFE SHROPENV	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000VN611E5	COFFE SHROPENV	EUR	18,2350	18,2350	18,2350			18,2350					
Certificate	DE000VN611F2	COFFE SHROPENV	EUR	8,3050	8,3050	8,3050			8,3050					
Certificate	DE000CE6EGH2	COFFE 1.6TS OPENZ	EUR	4,4650	4,4650	4,4650			4,4650					
Certificate	DE000CD62YV1	COFFE 2.09TS OPENZ	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000CV8B1K4	COFFE0.851TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CV88WU4	COFFE0.931TL OPENZ	EUR	1,9600	1,9600	1,9300	1960,0000	1	1,9300	1000				
Certificate	DE000CJ3NOH8	COFFE1.031TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CV8B1L2	COFFE1.161TS OPENZ	EUR											
Certificate	DE000CJ3P893	COFFE1.248TS OPENZ	EUR	1,3300	1,3300	1,2500	1662,5000	1	1,2500	1250				
Certificate	DE000CV89GN0	COFFE1.345TS OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CV87J57	COFFE1.418TS OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000CV421V7	COFFE1.492TS OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CE6DB76	COFFE1.713TS OPENZ	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0013002389	COFIN 77.2TL OPENB	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CR4JFL5	COFIN 85.7TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0012999262	COFIN 87.3TL OPENB	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012999270	COFIN 97.3TL OPENB	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CJ3NXY5	COFIN102.3TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012999296	COFIN116.5TS OPENB	EUR	2,1200	2,1200	2,1200			2,1200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89H16	COFIN118.9TS OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012999304	COFIN126.5TS OPENB	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CJ3P2A7	COFIN133.9TS OPENZ	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000CR9PUY3	COFIN67.94TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CR9PBQ9	COFIN74.25TL OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000CR9PBP1	COFIN81.53TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CN6K2W5	COFIN88.76TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CE6BJC3	COFIN89.58TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CD648M5	COFIN96.04TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CR4J456	COLRT 34.5TL OPENZ	EUR	1,1150	1,1250	1,1150			1,1250					
Certificate	NL0013147531	COLRT 59.38S OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CV89EH7	COLRT26.89TL OPENZ	EUR	5,9700	6,0000	5,9700			6,0000					
Certificate	DE000CE6DPY0	COLRT31.99TL OPENZ	EUR	1,2350	1,2450	1,2350			1,2450					
Certificate	DE000CR4J8T4	COLRT37.58TL OPENZ	EUR	0,9550	0,9650	0,9550			0,9650					
Certificate	DE000CR6XCR5	COLRT40.98TL OPENZ	EUR	0,7850	0,7950	0,7850			0,7950					
Certificate	DE000CV88729	COLRT42.94TL OPENZ	EUR	2,7700	2,8050	2,7700			2,8050					
Certificate	DE000CV89VF5	COLRT46.91TL OPENZ	EUR	1,9800	2,0150	1,9800			2,0150					
Certificate	NL0012992689	COLRT47.28BL OPENB	EUR	0,9400	0,9950	0,9400	12220,0000	1	0,9950	13000				
Certificate	NL0013018773	COLRT49.28BL OPENB	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3P250	COLRT49.88TL OPENZ	EUR	1,3900	1,4250	1,3900			1,4250					
Certificate	NL0013149875	COLRT51.29BL OPENB	EUR	0,5600	0,5950	0,5550	560,0000	1	0,5950	1000				
Certificate	NL0013150444	COLRT53.29BL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CJ3QBC0	COLRT53.38TL OPENZ	EUR	0,7100	0,7450	0,7100			0,7450					
Certificate	DE000CV88R15	COLRT58.56TS OPENZ	EUR	0,4500	0,4900	0,4050	245,0000	1	0,4050	500				
Certificate	NL0013150501	COLRT63.29BS OPENB	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CV89W41	COLRT63.55TS OPENZ	EUR	1,4200	1,4800	1,3950	4440,0000	2	1,3950	3000				
Certificate	DE000CJ3P4J4	COLRT70.54TS OPENZ	EUR	2,8300	2,8300	2,7750	566,0000	1	2,7750	200				
Certificate	NL0012580732	CONTI 228TS OPENH	EUR	10,8900	11,2500	10,8900			11,2500					
Certificate	NL0012555700	CONTI 291TS OPENH	EUR	17,6500	18,0100	17,6500			18,0100					
Certificate	DE000CJ3NTG0	CONTI101.3TL OPENZ	EUR	3,7550	3,7550	3,1100	155,5000	1	3,1750	50				
Certificate	DE000CV882M8	CONTI116.3TL OPENZ	EUR	2,2550	2,2550	1,5900	3532,9800	1	1,6950	2222				
Certificate	NL0011895800	CONTI116.4TL OPENH	EUR	2,7200	2,7200	2,1600	1098,5000	3	2,4100	500				
Certificate	DE000CJ3PQU2	CONTI131.3TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013185366	CONTI135.4TL OPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013184658	CONTI140.4TS OPENH	EUR											
Certificate	NL0013132582	CONTI145.4TS OPENH	EUR	2,0200	2,3800	2,0200			2,3800					
Certificate	NL0012905053	CONTI154.5TS OPENH	EUR	3,0000	3,3500	3,0000			3,3500					
Certificate	NL0012890768	CONTI164.2TS OPENH	EUR	4,0400	4,3900	4,0400			4,3900					
Certificate	NL0012894208	CONTI169.3TS OPENH	EUR	4,5800	4,9400	4,5800			4,9400					
Certificate	NL0012894190	CONTI174.2TS OPENH	EUR	5,1200	5,4700	5,1200			5,4700					
Certificate	NL0012938237	CONTI188.9TS OPENH	EUR	6,6900	7,0500	6,6900			7,0500					
Certificate	NL0012934608	CONTI193.7TS OPENH	EUR	7,2100	7,5700	7,2100			7,5700					
Certificate	NL0012930697	CONTI203.4TS OPENH	EUR	8,2500	8,6000	8,2500			8,6000					
Certificate	NL0012920060	CONTI211.4TS OPENH	EUR	9,1000	9,4600	9,1000			9,4600					
Certificate	NL0012917017	CONTI221.2TS OPENH	EUR	10,1600	10,5200	10,1600			10,5200					
Certificate	NL0012565139	CONTI232.8TS OPENH	EUR	11,4000	11,7600	11,4000			11,7600					
Certificate	NL0012613590	CONTI239.9TS OPENH	EUR	12,1700	12,5300	12,1700			12,5300					
Certificate	NL0012240527	CONTI248.3TS OPENH	EUR	13,0600	13,4200	13,0600			13,4200					
Certificate	NL0012310866	CONTI248.4TS OPENH	EUR	13,0800	13,4300	13,0800			13,4300					
Certificate	NL0012244925	CONTI249.4TS OPENH	EUR	13,1800	13,5400	13,1800			13,5400					
Certificate	NL0011054960	CONTI253.8TS OPENH	EUR	13,6600	14,0200	13,6600			14,0200					
Certificate	NL0012613582	CONTI264.6TS OPENH	EUR	14,8200	15,1800	14,8200			15,1800					
Certificate	NL0012555718	CONTI271.4TS OPENH	EUR	15,5500	15,9000	15,5500			15,9000					
Certificate	NL0012555692	CONTI310.6TS OPENH	EUR	19,7600	20,1100	19,7600			20,1100					
Certificate	DE000CJ3FPF5	CONTI86.18TL OPENZ	EUR	5,2500	5,2500	4,6750			4,6750					
Certificate	DE000CV88L03	COPPE 3.58TS OPENZ	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	NL0006471856	COPPE 3787TL OPENB	EUR	24,7600	24,7600	24,7600			24,7600					
Certificate	NL0006524969	COPPE 4333TL OPENB	EUR	20,3800	20,3800	20,3800			20,3800					
Certificate	NL0009839745	COPPE 8934TS OPENB	EUR	32,3200	32,3200	32,3200			32,3200					
Certificate	NL0009678903	COPPE 9731TS OPENB	EUR	40,1200	40,1200	40,1200			40,1200					
Certificate	DE000CN6HPK9	COPPE1 982TL OPENZ	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	DE000CR9RBV5	COPPE2 233TL OPENZ	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CD63VL6	COPPE2 521TL OPENZ	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CV8A617	COPPE2 996TS OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000CV89SP0	COPPE3 189TS OPENZ	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CV88NT5	COPPE3 386TS OPENZ	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	DE000CV88L11	COPPE3 776TS OPENZ	EUR	9,2450	9,2450	9,2450			9,2450					
Certificate	DE000CE6F3R9	COPPE3 967TS OPENZ	EUR	10,9650	10,9650	10,9650			10,9650					
Certificate	DE000CV87ET6	COPPE4 166TS OPENZ	EUR	12,7550	12,7550	12,7550			12,7550					
Certificate	NL0012922249	CORN 3TL OPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012922256	CORN 2.8TL OPENH	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	NL0012922231	CORN 3.2TL OPENH	EUR	7,0900	7,0900	7,0900			7,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013182272	CORN 3.7TL OPENH	EUR											
Certificate	NL0012922233	CORN 3.41TL OPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0012923064	CORN 3.99TS OPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0012889901	CORN 4.04TS OPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012922181	CORN 4.06TS OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012922272	CORN 4.16TS OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012922264	CORN 4.26TS OPENH	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	NL0012542880	CORN 4.47TS OPENH	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0011233150	CORN 5.46TS OPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0011233143	CORN 5.64TS OPENH	EUR	21,8400	21,8400	21,8400			21,8400					
Certificate	DE000CNGJHU1	COTON 0.52TL OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CV4Z7D2	COTON 0.72TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CNGHGS2	COTON0.556TL OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000CR6X767	COTON0.597TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CNGKS12	COTON0.632TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CNGLCB8	COTON0.672TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CJ3QKH0	COTON0.825TS OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CJ3NLG7	COTON0.905TS OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV87NH2	COTON0.978TS OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CV88NV1	COTON1.051TS OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CV89895	COTON1.124TS OPENZ	EUR	3,2950	3,2950	3,2950			3,2950					
Certificate	DE000CJ3P1T9	CPRI 6.85TL OPENZ	EUR	0,6300	0,6300	0,5450			0,5450					
Certificate	DE000CV87SH1	CPRI 4.145TL OPENZ	EUR	3,3300	3,3300	3,2450			3,2450					
Certificate	DE000CV505G7	CPRI 4.651TL OPENZ	EUR	2,8200	2,8200	2,7350			2,7350					
Certificate	DE000CV4Y39	CPRI 5.355TL OPENZ	EUR	2,1200	2,1200	2,0350			2,0350					
Certificate	DE000CJ3PA34	CPRI 6.053TL OPENZ	EUR	1,4300	1,4300	1,3450			1,3450					
Certificate	NL0011795406	CRBN 18TL OPENB	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0010010807	CRBN 5.2TL OPENB	EUR	21,9100	21,9100	21,9100			21,9100					
Certificate	NL0011089388	CRBN 14.7TL OPENB	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0011260484	CRBN 15.8TL OPENB	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	NL0011651567	CRBN 16.9TL OPENB	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000CNGKQS4	CRBN 19.5TL OPENZ	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0012033344	CRBN 20.1TL OPENB	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012034920	CRBN 21.1TL OPENB	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0012037923	CRBN 22.2TL OPENB	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CD63ZH5	CRBN 22.5TL OPENZ	EUR	3,4250	3,4250	3,4250			3,4250					
Certificate	NL0012118913	CRBN 23.3TL OPENB	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0012785786	CRBN 24.8TL OPENB	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0012988208	CRBN 28.6TS OPENB	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012261176	CRBN 30.6TS OPENB	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CR4JJO1	CRBN 12.77TL OPENZ	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0011531991	CRBN 14.84BL OPENB	EUR	11,1800	11,1800	11,1800			11,1800					
Certificate	DE000CR6VGJ1	CRBN 15.53TL OPENZ	EUR	11,0550	11,0550	11,0550			11,0550					
Certificate	DE000CJ3PAD2	CRBN 16.48TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CR9NMF4	CRBN 16.59TL OPENZ	EUR	10,0550	10,0550	10,0550			10,0550					
Certificate	DE000CNGK602	CRBN 18.13TL OPENZ	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	DE000CD63PV7	CRBN 20.98TL OPENZ	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	NL0012033971	CRBN 21.25BL OPENB	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CD646H9	CRBN 21.25TL OPENZ	EUR	5,6150	5,6150	5,6150			5,6150					
Certificate	NL0012772974	CRBN 22.33BL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CV88269	CRBN 23.34TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012118673	CRBN 23.35BL OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012785414	CRBN 24.36BL OPENB	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CV88KK0	CRBN 24.47TL OPENZ	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0013151483	CRBN 25.36BL OPENB	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0013014962	CRBN 27.92BS OPENB	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CE6CKY3	CRBN 29.65TS OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012260822	CRBN 29.91BS OPENB	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012273957	CRBN 31.82BS OPENB	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CE6DQ46	CRBN 33.13TS OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012999908	CRBN 33.81BS OPENB	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000CV8A4P8	CRBN 38.12TS OPENZ	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CD62TG2	CREDI11.18TL OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CNGJMX5	CREDI8.664TL OPENZ	EUR	0,5900	0,5900	0,5850	590,0000	1	0,5850	1000				
Certificate	DE000CD62700	CREDI9.689TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	XS0508554069	CS FDAA 0%22DEC20	EUR											
Certificate	XS1009882322	CSEET PI OPENK	EUR											
Certificate	XS1009881860	CSJET PI OPENK	EUR											
Certificate	XS1009881787	CSSET PI OPENK	EUR											
Certificate	XS1009882082	CSJET PI OPENK	EUR											
Certificate	XS1009881514	CSVET PI OPENK	EUR											
Certificate	NL0011895784	CZBNK 5TL OPENH	EUR	3,4500	3,4500	3,3600			3,3600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY16BT5	CZBNK 7TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CY16CY3	CZBNK 7TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CY16FC2	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY16U55	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY50K96	CZBNK 13TS OPENC	EUR											
Certificate	DE000CY50MW5	CZBNK 13TS OPENC	EUR											
Certificate	NL0012909402	CZBNK 9.9TS OPENH	EUR	3,0000	3,1200	3,0000			3,1200					
Certificate	NL0012598437	CZBNK 11.4TS OPENH	EUR	4,6600	4,7800	4,6600			4,7800					
Certificate	NL0011933536	CZBNK 4.17TL OPENH	EUR	4,2100	4,2100	4,1100			4,1100					
Certificate	DE000CN6J8E3	CZBNK 4.83TL OPENZ	EUR	3,1600	3,1600	3,0800			3,0800					
Certificate	NL0011989322	CZBNK 5.82TL OPENH	EUR	2,7000	2,7000	2,6200			2,6200					
Certificate	DE000CV898G6	CZBNK 5.95TL OPENZ	EUR	2,0400	2,0400	1,9700			1,9700					
Certificate	NL0012105134	CZBNK 6.04BL OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0011995352	CZBNK 6.45TL OPENH	EUR	2,1300	2,1300	2,0500			2,0500					
Certificate	NL0012196414	CZBNK 6.86TL OPENH	EUR	1,7600	1,7600	1,6800			1,6800					
Certificate	NL0011996053	CZBNK 7.04TL OPENH	EUR											
Certificate	NL0012049811	CZBNK 7.07TL OPENH	EUR	1,5700	1,5700	1,4800			1,4800					
Certificate	NL0012197438	CZBNK 7.47TL OPENH	EUR	1,2000	1,2000	1,1100			1,1100					
Certificate	NL0012793806	CZBNK 7.63BL OPENB	EUR	0,3600	0,3600	0,2750	11654,0000	5	0,2750	33800				
Certificate	NL0013185341	CZBNK 8.01TS OPENH	EUR											
Certificate	NL0013182264	CZBNK 8.41TS OPENH	EUR	1,3500	1,4700	1,3500			1,4700					
Certificate	NL0013079304	CZBNK 9.01TS OPENH	EUR	2,0100	2,1300	2,0100			2,1300					
Certificate	NL0012906242	CZBNK 9.21TS OPENH	EUR	2,2200	2,3500	2,2200			2,3500					
Certificate	NL0012934590	CZBNK 9.73TS OPENH	EUR	2,8100	2,9300	2,8100			2,9300					
Certificate	NL0012792709	CZBNK10.01BS OPENB	EUR	2,0750	2,2250	2,0750			2,2250					
Certificate	NL0012862346	CZBNK10.39TS OPENH	EUR	3,5400	3,6600	3,5400			3,6600					
Certificate	NL0012777700	CZBNK10.99BS OPENB	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0012602676	CZBNK11.37TS OPENH	EUR	4,6300	4,7500	4,6300			4,7500					
Certificate	NL0012593420	CZBNK12.38TS OPENH	EUR	5,7400	5,8500	5,7400			5,8500					
Certificate	NL0012593917	CZBNK13.36TS OPENH	EUR	6,8300	6,9500	6,8300			6,9500					
Certificate	NL0012580724	CZBNK13.38TS OPENH	EUR	6,8500	6,9700	6,8500			6,9700					
Certificate	NL0012555676	CZBNK13.86TS OPENH	EUR	7,3900	7,5000	7,3900			7,5000					
Certificate	NL0012555668	CZBNK14.84TS OPENH	EUR	8,4800	8,5900	8,4800			8,5900					
Certificate	NL0012529325	CZBNK15.81TS OPENH	EUR	9,5500	9,6600	9,5500			9,6600					
Certificate	NL0012541981	CZBNK15.81TS OPENH	EUR	9,5500	9,6600	9,5500			9,6600					
Certificate	DE000CJ3QGJ4	CZBNK6.505TL OPENZ	EUR	1,4900	1,4900	1,4200			1,4200					
Certificate	NL0012975155	CZBNK6.619BL OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CV886M9	CZBNK6.951TL OPENZ	EUR	1,0500	1,0500	0,9800			0,9800					
Certificate	NL0012973622	CZBNK7.125BL OPENB	EUR	0,8100	0,8300	0,7850	8200,0000	2	0,7850	10000				
Certificate	DE000CV898H4	CZBNK7.458TL OPENZ	EUR	0,5600	0,5600	0,4700	190,0000	2	0,4800	400				
Certificate	NL0013006257	CZBNK9.013BS OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CX59S58	DAIML 60TL OPENC	EUR											
Certificate	DE000CY51DW2	DAIML 60TL OPENC	EUR											
Certificate	NL0012565154	DAIML 72TS OPENH	EUR	2,6600	2,6600	2,6400			2,6400					
Certificate	DE000CY520D0	DAIML 80TS OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CY501Y6	DAIML 80TS OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0011410345	DAIML 24.7TL OPENH	EUR	2,7700	2,8100	2,7700			2,8100					
Certificate	NL0011410337	DAIML 28.9TL OPENH	EUR	2,3800	2,4200	2,3800			2,4200					
Certificate	NL0011410329	DAIML 33.1TL OPENH	EUR	1,9800	2,0200	1,9800			2,0200					
Certificate	NL0010144838	DAIML 35.2TL OPENH	EUR											
Certificate	NL0011049622	DAIML 37.3TL OPENH	EUR	1,5900	1,6300	1,5900	1987,5000	1	1,6300	1250				
Certificate	NL0011049614	DAIML 45.8TL OPENH	EUR	0,8000	0,8400	0,8000			0,8400					
Certificate	DE000CX0KMF1	DAIML 47.1TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0011896535	DAIML 47.9TL OPENH	EUR	0,6000	0,6400	0,6000			0,6400					
Certificate	NL0013017577	DAIML 48.3BL OPENB	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0013180847	DAIML 54.2TS OPENH	EUR	0,7500	0,7500	0,7300			0,7300					
Certificate	NL0012905087	DAIML 58.2TS OPENH	EUR	1,1800	1,1800	1,1600			1,1600					
Certificate	NL0012919666	DAIML 60.2TS OPENH	EUR	1,4000	1,4000	1,3800			1,3800					
Certificate	NL0012917025	DAIML 62.2TS OPENH	EUR	1,6100	1,6100	1,5900			1,5900					
Certificate	NL0012909469	DAIML 64.2TS OPENH	EUR	1,8200	1,8200	1,8000			1,8000					
Certificate	NL0012864573	DAIML 66.1TS OPENH	EUR	2,0300	2,0300	2,0100			2,0100					
Certificate	NL0012567986	DAIML 68.1TS OPENH	EUR	2,2400	2,2400	2,2200			2,2200					
Certificate	NL0011241112	DAIML 72.2TS OPENH	EUR	2,6800	2,6800	2,6600			2,6600					
Certificate	NL0011229984	DAIML 75.7TS OPENH	EUR	3,0600	3,0600	3,0400			3,0400					
Certificate	NL0011049531	DAIML 79.4TS OPENH	EUR	3,4500	3,4500	3,4300			3,4300					
Certificate	NL0012555759	DAIML 91.4TS OPENH	EUR	4,7500	4,7500	4,7300			4,7300					
Certificate	DE000CJ3NTH8	DAIML33.84TL OPENZ	EUR	1,7150	1,7350	1,7150			1,7350					
Certificate	DE000CN6JNE3	DAIML41.84TL OPENZ	EUR	0,9250	0,9350	0,9250			0,9350					
Certificate	NL0013017569	DAIML45.52BL OPENB	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CN6HSL1	DAIML45.83TL OPENZ	EUR	0,5350	0,5450	0,5350			0,5450					
Certificate	NL0011909692	DAIML46.89BL OPENB	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CX0K496	DAIML47.57TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62270	DAIML48.79TL OPENZ	EUR	0,2350	0,2550	0,2350			0,2550					
Certificate	NL0013157753	DAIML49.75BL OPENB	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013153588	DAIML52.32BS OPENB	EUR	2,2600	2,2600	2,2500	452,0000	1	2,2500	200				
Certificate	NL0013008972	DAIML54.93BS OPENB	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0013002199	DAIML57.67BS OPENB	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CV88086	DAIML59.13TS OPENZ	EUR	0,8450	0,8450	0,8250			0,8250					
Certificate	NL0012973770	DAIML60.56BS OPENB	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	DE000CV87TV0	DAIML69.09TS OPENZ	EUR	1,8350	1,8350	1,8150			1,8150					
Certificate	DE000CE6F8M9	DAIML79.02TS OPENZ	EUR	2,8250	2,8250	2,8150			2,8150					
Certificate	NL0009337278	DANON 32TL OPENB	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	NL0012274450	DANON 75TS OPENB	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0009703743	DANON 36.7TL OPENB	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	NL0010921987	DANON 49.2TL OPENB	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	NL0011436738	DANON 51.8TL OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0011442702	DANON 54.5TL OPENB	EUR	1,4450	1,4650	1,4450			1,4650					
Certificate	NL0012112312	DANON 57.1TL OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012118756	DANON 59.7TL OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013151848	DANON 62.2TL OPENB	EUR	0,7100	0,7550	0,7050	1460,0000	2	0,7550	2000				
Certificate	NL0012264196	DANON 70.1TS OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0011417829	DANON 73.4TS OPENH	EUR	1,4200	1,4200	1,3400			1,3400					
Certificate	NL0012531057	DANON103.6TS OPENH	EUR	4,6800	4,6800	4,6100			4,6100					
Certificate	NL0012330211	DANON104.4TS OPENH	EUR	4,7600	4,7600	4,6900			4,6900					
Certificate	NL0012516108	DANON104.5TS OPENH	EUR	4,7800	4,7800	4,7000			4,7000					
Certificate	NL0012524540	DANON104.6TS OPENH	EUR	4,7800	4,7800	4,7100			4,7100					
Certificate	NL0012538672	DANON104.7TS OPENH	EUR	4,7900	4,7900	4,7200			4,7200					
Certificate	NL0011417910	DANON32.97TL OPENH	EUR	3,4400	3,5300	3,4400			3,5300					
Certificate	NL0012056329	DANON38.44TL OPENH	EUR	2,9300	3,0200	2,9300			3,0200					
Certificate	DE000CR9RQF6	DANON45.07TL OPENZ	EUR	4,2750	4,2750	4,0200	804,0000	1	4,2000	200				
Certificate	NL0011417894	DANON45.57TL OPENH	EUR	2,2700	2,3600	2,2700			2,3600					
Certificate	NL0011417886	DANON49.77TL OPENH	EUR	1,8800	1,9700	1,8800			1,9700					
Certificate	DE000CR6YDG4	DANON51.04TL OPENZ	EUR	1,5400	1,5400	1,5100			1,5100					
Certificate	NL0011417878	DANON53.96TL OPENH	EUR	1,4900	1,5800	1,4900			1,5800					
Certificate	DE000CN6FBK3	DANON56.97TL OPENZ	EUR	1,9050	1,9050	1,8300			1,8300					
Certificate	NL0012178859	DANON57.86TL OPENH	EUR	1,1200	1,2100	1,1200			1,2100					
Certificate	NL0012210090	DANON69.82TS OPENH	EUR	1,0300	1,0300	0,9600			0,9600					
Certificate	NL0011933551	DANON73.54TS OPENH	EUR	1,4300	1,4300	1,3600			1,3600					
Certificate	NL0011972724	DANON73.57TS OPENH	EUR	1,4300	1,4300	1,3600			1,3600					
Certificate	NL0011932561	DANON73.66TS OPENH	EUR	1,4400	1,4400	1,3700			1,3700					
Certificate	NL0012864581	DANON77.74TS OPENH	EUR	1,8800	1,8800	1,8100			1,8100					
Certificate	NL0011417811	DANON84.56TS OPENH	EUR	2,6200	2,6200	2,5500			2,5500					
Certificate	NL0012600381	DANSK 227.TS OPENH	EUR	15,6600	15,6600	15,5700			15,5700					
Certificate	NL0012590970	DANSK 253.TS OPENH	EUR	19,5400	19,5400	19,4400			19,4400					
Certificate	NL0012093736	DANSK 271.TS OPENH	EUR	22,2100	22,2100	22,1100			22,1100					
Certificate	NL0012907554	DANSK120.2TL OPENH	EUR	3,4300	3,6200	3,4300	350,0000	1	3,6200	100				
Certificate	NL0013180854	DANSK145.2TS OPENH	EUR	3,5300	3,5300	3,4400			3,4400					
Certificate	NL0012907869	DANSK154.8TS OPENH	EUR	4,9300	4,9300	4,8400			4,8400					
Certificate	NL0012905103	DANSK174.7TS OPENH	EUR	7,8900	7,8900	7,8000			7,8000					
Certificate	NL0012898381	DANSK179.5TS OPENH	EUR	8,6000	8,6000	8,5100			8,5100					
Certificate	NL0012897870	DANSK189.4TS OPENH	EUR	10,0800	10,0800	9,9900			9,9900					
Certificate	NL0012894224	DANSK194.3TS OPENH	EUR	10,8100	10,8100	10,7200			10,7200					
Certificate	NL0012923650	DANSK203.1TS OPENH	EUR	12,1100	12,1100	12,0200			12,0200					
Certificate	NL0012917033	DANSK212.9TS OPENH	EUR	13,5700	13,5700	13,4700			13,4700					
Certificate	NL0012611032	DANSK222.2TS OPENH	EUR	14,9600	14,9600	14,8600			14,8600					
Certificate	NL0012598460	DANSK231.8TS OPENH	EUR	16,3900	16,3900	16,2900			16,2900					
Certificate	NL0012595748	DANSK236.7TS OPENH	EUR	17,1000	17,1000	17,0100			17,0100					
Certificate	NL0012199210	DANSK243.5TS OPENH	EUR	18,1300	18,1300	18,0300			18,0300					
Certificate	NL0012595136	DANSK247.3TS OPENH	EUR	18,6900	18,6900	18,5900			18,5900					
Certificate	NL0011993746	DANSK249.5TS OPENH	EUR											
Certificate	NL0011991625	DANSK250.9TS OPENH	EUR											
Certificate	NL0011989330	DANSK251.1TS OPENH	EUR											
Certificate	NL0012582167	DANSK252.6TS OPENH	EUR	19,4700	19,4700	19,3700			19,3700					
Certificate	NL0012437867	DANSK253.1TS OPENH	EUR	19,5500	19,5500	19,4500			19,4500					
Certificate	NL0012583512	DANSK262.5TS OPENH	EUR	20,9400	20,9400	20,8500			20,8500					
Certificate	NL0012057475	DANSK271.3TS OPENH	EUR	22,2600	22,2600	22,1600			22,1600					
Certificate	NL0012242101	DANSK273.1TS OPENH	EUR	22,5100	22,5100	22,4200			22,4200					
Certificate	NL0012595557	DANSK295.8TS OPENH	EUR	25,8900	25,8900	25,7900			25,7900					
Certificate	NL0012202840	DANSK299.6TS OPENH	EUR	26,4600	26,4600	26,3700			26,3700					
Certificate	NL0012240055	DANSK301.9TS OPENH	EUR	26,7900	26,7900	26,7000			26,7000					
Certificate	DE0005437412	DAX PI OPENN	EUR	113,4900	113,4900	113,4900			113,4900					
Certificate	NL0009067867	DAX 4740TL OPENB	EUR	67,6600	67,6600	67,6600			67,6600					
Certificate	NL0009069988	DAX 5180TL OPENB	EUR	63,3900	63,3900	63,3900			63,3900					
Certificate	NL0009071182	DAX 5470TL OPENB	EUR	60,5200	60,5200	60,5200			60,5200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011596952	DAX 6319TRLOPENH	EUR											
Certificate	NL0009998269	DAX 6440TL OPENB	EUR	51,1100	51,1100	51,1100			51,1100					
Certificate	NL0010001608	DAX 6660TL OPENB	EUR	49,0300	49,0300	49,0300			49,0300					
Certificate	NL0010149712	DAX 6980TL OPENA	EUR											
Certificate	DE000CX00567	DAX 7000TL OPENC	EUR	39,1800	39,1800	39,1800				39,1800				
Certificate	NL0011043567	DAX 7190TL OPENH	EUR	42,8200	42,8200	42,8200				42,8200				
Certificate	DE000CX004L9	DAX 7200TL OPENC	EUR	36,3300	36,3300	36,3300				36,3300				
Certificate	NL0010129896	DAX 7320TL OPENB	EUR	42,5900	42,5900	42,5900				42,5900				
Certificate	NL0010131025	DAX 7550TL OPENB	EUR	40,3800	40,3800	40,3800				40,3800				
Certificate	DE000CX004N5	DAX 7600TL OPENC	EUR	32,0300	32,0300	32,0300				32,0300				
Certificate	NL0011043542	DAX 7610TL OPENH	EUR	38,7000	38,7000	38,7000				38,7000				
Certificate	DE000CN6JFQ3	DAX 7750TL OPENZ	EUR	37,3650	37,3650	37,3650				37,3650				
Certificate	NL0010134102	DAX 7770TL OPENB	EUR	38,2700	38,2700	38,2700				38,2700				
Certificate	DE000CX0JXK0	DAX 7800TL OPENC	EUR	29,7900	29,7900	29,7900				29,7900				
Certificate	NL0010251930	DAX 7870TL OPENB	EUR	36,7000	37,2400	36,7000	734,0000	1		37,2400	20			
Certificate	DE000CJ3PNK0	DAX 7880TL OPENZ	EUR	34,9200	34,9200	34,9200				34,9200				
Certificate	NL0011719158	DAX 7950TL OPENH	EUR	35,3000	35,3000	35,3000				35,3000				
Certificate	DE000CX0J528	DAX 8000TL OPENC	EUR	28,4100	28,4100	28,4100				28,4100				
Certificate	DE000CN6HS74	DAX 8010TL OPENZ	EUR	34,7950	34,7950	34,7950				34,7950				
Certificate	NL0011043526	DAX 8020TL OPENH	EUR	34,6000	34,6000	34,6000				34,6000				
Certificate	NL0010250833	DAX 8044BL OPENB	EUR	33,5400	33,5400	33,5400				33,5400				
Certificate	NL0010253233	DAX 8200TL OPENB	EUR	34,0500	34,0500	34,0500				34,0500				
Certificate	NL0011043518	DAX 8230TL OPENH	EUR	32,5500	32,5500	32,5500				32,5500				
Certificate	NL0011719125	DAX 8260TL OPENH	EUR	32,2500	32,2500	32,2500				32,2500				
Certificate	DE000CN6HS66	DAX 8270TL OPENZ	EUR	32,2250	32,2250	32,2250				32,2250				
Certificate	DE000CN6ICR8	DAX 8285TL OPENZ	EUR	30,8850	30,8850	30,8850				30,8850				
Certificate	DE000CX004R6	DAX 8300TL OPENC	EUR	24,5100	24,5100	24,5100				24,5100				
Certificate	NL0010379103	DAX 8310TL OPENB	EUR	32,9400	32,9400	32,9400				32,9400				
Certificate	DE000CX0JDK2	DAX 8400TL OPENC	EUR	23,2400	23,2400	23,2400				23,2400				
Certificate	DE000CJ3QDL7	DAX 8500TL 0319Z	EUR	28,7800	28,7800	28,7800				28,7800				
Certificate	DE000CX008M8	DAX 8500TL OPENC	EUR	22,3700	22,3700	22,3700				22,3700				
Certificate	DE000CN6HS58	DAX 8530TL OPENZ	EUR	29,6650	29,6650	29,6650				29,6650				
Certificate	NL0011719075	DAX 8580TL OPENH	EUR	29,1300	29,1300	29,1300				29,1300				
Certificate	DE000CJ3PH86	DAX 8600TL 1218Z	EUR	27,7500	27,7500	27,7500				27,7500				
Certificate	NL0010442737	DAX 8640TL OPENB	EUR	29,7800	29,7800	29,7800				29,7800				
Certificate	DE000CX008N6	DAX 8700TL OPENC	EUR	20,2200	20,2200	20,2200				20,2200				
Certificate	DE000CN6JCQ0	DAX 8700TL OPENZ	EUR	26,7450	26,7450	26,7450				26,7450				
Certificate	NL0011601612	DAX 8718TRLOPENH	EUR	26,5700	26,5700	26,5700				26,5700				
Certificate	DE000CN6HLW3	DAX 8790TL OPENZ	EUR	27,0950	27,0950	27,0950				27,0950				
Certificate	NL0010378899	DAX 8812BL OPENB	EUR	25,8600	25,8600	25,8600				25,8600				
Certificate	NL0010443032	DAX 8850TL OPENB	EUR	27,6900	27,6900	27,6900				27,6900				
Certificate	DE000CJ3P547	DAX 8900TL 0319Z	EUR	24,7800	24,7800	24,7800				24,7800				
Certificate	DE000CN6ICP2	DAX 8907TL OPENZ	EUR	24,6700	24,6700	24,6700				24,6700				
Certificate	NL0010515557	DAX 8980TL OPENB	EUR	26,4700	26,4700	26,4700				26,4700				
Certificate	NL0011719034	DAX 8990TL OPENH	EUR	25,0600	25,0600	25,0600				25,0600				
Certificate	DE000CV8BDY5	DAX 9000TL 1218Z	EUR	23,7500	23,7500	23,7500				23,7500				
Certificate	DE000CN6ELV2	DAX 9050TL OPENZ	EUR	24,5150	24,5150	24,5150				24,5150				
Certificate	NL0010891628	DAX 9060TL OPENB	EUR	25,6950	25,6950	25,6950				25,6950				
Certificate	DE000CX008R5	DAX 9100TL OPENC	EUR	15,9300	15,9300	15,9300				15,9300				
Certificate	DE000CN6ICN7	DAX 9115TL OPENZ	EUR	22,6000	22,6000	22,6000				22,6000				
Certificate	NL0013086853	DAX 9128TRLOPENH	EUR	22,4600	22,4600	22,4600				22,4600				
Certificate	NL0011719000	DAX 9140TL OPENH	EUR	23,5700	23,5700	23,5700				23,5700				
Certificate	NL0010442182	DAX 9160BL OPENB	EUR	22,3900	22,3900	22,3900				22,3900				
Certificate	DE000CR9SDN6	DAX 9219TL OPENZ	EUR	21,5500	21,5500	21,5500				21,5500				
Certificate	NL0013086846	DAX 9228TRLOPENH	EUR	21,4600	21,4600	21,4600				21,4600				
Certificate	NL0011649215	DAX 9260TL OPENB	EUR	23,7050	23,7050	23,7050				23,7050				
Certificate	NL0010442661	DAX 9275BL OPENB	EUR	21,2300	21,2300	21,2300				21,2300				
Certificate	NL0011718986	DAX 9280TL OPENH	EUR	22,1500	22,1500	22,1500				22,1500				
Certificate	DE000CJ3P554	DAX 9300TL 0319Z	EUR	20,7700	20,7700	20,7700				20,7700				
Certificate	DE000CX0KHU0	DAX 9300TL OPENC	EUR	14,6600	14,6600	14,6600				14,6600				
Certificate	DE000CN6ELU4	DAX 9310TL OPENZ	EUR	21,9350	21,9350	21,9350				21,9350				
Certificate	NL0013086838	DAX 9328TRLOPENH	EUR	20,4600	20,4600	20,4600				20,4600				
Certificate	NL0011649223	DAX 9370TL OPENB	EUR	22,6850	22,6850	22,6850				22,6850				
Certificate	DE000CV8AUC7	DAX 9400TL 1218Z	EUR	19,7600	19,7600	19,7600				19,7600				
Certificate	DE000CX0KW03	DAX 9400TL OPENC	EUR	13,6400	13,6400	13,6400				13,6400				
Certificate	NL0013086820	DAX 9429TRLOPENH	EUR	19,4600	19,4600	19,4600				19,4600				
Certificate	DE000CN6JU81	DAX 9435TL OPENZ	EUR	19,4000	19,4000	19,4000				19,4000				
Certificate	DE000CN6JU73	DAX 9487TL OPENZ	EUR	18,8800	18,8800	18,8800				18,8800				
Certificate	DE000CX0KW11	DAX 9500TL OPENC	EUR	12,5800	12,5800	12,5800				12,5800				
Certificate	NL0011650320	DAX 9530TL OPENB	EUR	21,1750	21,1750	21,1750				21,1750				
Certificate	NL0013081474	DAX 9560TL OPENH	EUR	19,3900	19,3900	19,3900				19,3900				
Certificate	DE000CR4GZ95	DAX 9580TL OPENZ	EUR	19,3350	19,3350	19,3350				19,3350				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013082290	DAX 9585TRLOPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	DE000CNGJ65	DAX 9592TL OPENZ	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	DE000CP236W4	DAX 9600TL OPENC	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000CX0KW29	DAX 9600TL OPENC	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0011900220	DAX 9650TL OPENB	EUR	19,9250	19,9250	19,9250			19,9250					
Certificate	NL0013086812	DAX 9679TRLOPENH	EUR	16,9400	16,9400	16,9400			16,9400					
Certificate	DE000CJ3P380	DAX 9700TL 0319Z	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CX0KW37	DAX 9700TL OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CNGJCK3	DAX 9715TL OPENZ	EUR	16,6100	16,6100	16,6100			16,6100					
Certificate	NL0011718473	DAX 9754TRLOPENH	EUR	16,1900	16,1900	16,1900			16,1900					
Certificate	DE000CNGJ5C6	DAX 9764TL OPENZ	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0011891890	DAX 9790TL OPENH	EUR	17,2000	17,2000	17,2000			17,2000					
Certificate	DE000CV8AAJ4	DAX 9800TL 1218Z	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0011718465	DAX 9808TRLOPENH	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	NL0011896410	DAX 9820TL OPENH	EUR	16,8700	16,8700	16,8700			16,8700					
Certificate	DE000CNGJVP2	DAX 9840TL OPENZ	EUR	16,7750	16,7750	16,7750			16,7750					
Certificate	NL0013086804	DAX 9880TRLOPENH	EUR	14,9500	14,9500	14,9500			14,9500					
Certificate	DE000CX0KKU7	DAX 9900TL OPENC	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000CNGJ5R4	DAX 9919TL OPENZ	EUR	14,5850	14,5850	14,5850			14,5850					
Certificate	NL0013086796	DAX 9930TRLOPENH	EUR	14,4500	14,4500	14,4500			14,4500					
Certificate	NL0013008121	DAX 9974BL OPENB	EUR	14,2750	14,2750	14,2750			14,2750					
Certificate	NL0013082282	DAX 9986TRLOPENH	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	DE000CJ3NYI4	DAX 10000SWT0119Z	EUR	9,2500	9,2600	9,2500			9,2600					
Certificate	DE000CJ3PKA7	DAX 10000SWT0219Z	EUR	7,5100	7,5400	7,5100			7,5400					
Certificate	DE000CJ3PJ92	DAX 10000SWT0219Z	EUR	4,6500	4,7100	4,6500			4,7100					
Certificate	DE000CP06MT1	DAX 10000TL 0319C	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000VA8F4Z6	DAX 10000TL 0319V	EUR	13,8650	13,8650	13,8650			13,8650					
Certificate	DE000CQ5AA59	DAX 10000TL OPENC	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	DE000CX0KKV5	DAX 10000TL OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CX59C80	DAX 10000TL OPENC	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000CP236X2	DAX 10000TL OPENC	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0011907050	DAX 10010TL OPENB	EUR	16,4550	16,4550	16,4550			16,4550					
Certificate	NL0011926514	DAX 10020TL OPENH	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	DE000VA8F469	DAX 10020TL OPENV	EUR	15,2950	15,2950	15,2950			15,2950					
Certificate	DE000CNGJ232	DAX 10021TL OPENZ	EUR	13,5600	13,5600	13,5600			13,5600					
Certificate	NL0013183221	DAX 10025TRLOPENH	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	NL0013183213	DAX 10045TRLOPENH	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	DE000VA8F2C9	DAX 10047TL OPENV	EUR	13,1450	13,1450	13,1450			13,1450					
Certificate	DE000VA8F154	DAX 10070TL OPENV	EUR	14,7850	14,7850	14,7850			14,7850					
Certificate	NL0013083488	DAX 10085TRLOPENH	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	DE000CD623K2	DAX 10090TL OPENZ	EUR	14,2450	14,2450	14,2450			14,2450					
Certificate	DE000VA8F1W9	DAX 10100TL 0319V	EUR	12,8650	12,8650	12,8650			12,8650					
Certificate	DE000CJ3P562	DAX 10100TL 0319Z	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	DE000CX59RV9	DAX 10100TL OPENC	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0013183205	DAX 10105TRLOPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0013126303	DAX 10110TL OPENH	EUR	13,9200	14,0300	13,2800	177,8000	10	14,0300	13				
Certificate	DE000VA8FYI5	DAX 10120TL OPENV	EUR	14,2950	14,2950	14,2950			14,2950					
Certificate	DE000CNGJ257	DAX 10124TL OPENZ	EUR	12,5350	12,5350	12,5350			12,5350					
Certificate	NL0012610976	DAX 10140TRLOPENH	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	DE000VA8FYM9	DAX 10143TL OPENV	EUR	12,1850	12,1850	12,1850			12,1850					
Certificate	NL0013125891	DAX 10165TRLOPENH	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	NL0013125107	DAX 10168TRLOPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	DE000CD61SA9	DAX 10175TL OPENZ	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	NL0011927496	DAX 10180TL OPENH	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	DE000VA8FWN1	DAX 10180TL OPENV	EUR	13,6950	13,6950	13,6950			13,6950					
Certificate	DE000VA8FWQ4	DAX 10194TL OPENV	EUR	11,6750	11,6750	11,6750			11,6750					
Certificate	DE000VA8FV70	DAX 10200TL 0319V	EUR	11,8750	11,8750	11,8750			11,8750					
Certificate	DE000CV8AAK2	DAX 10200TL 1218Z	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000CX59FH3	DAX 10200TL OPENC	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CX59RW7	DAX 10200TL OPENC	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0013086788	DAX 10211TRLOPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0013083470	DAX 10235TRLOPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0013183635	DAX 10240TL OPENC	EUR	12,3600	12,7300	12,3600	6180,0000	1	12,7300	500				
Certificate	DE000VA71V44	DAX 10240TL OPENV	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	DE000VA71V25	DAX 10240TL OPENV	EUR	12,5000	13,0750	12,5000	5000,0000	2	13,0750	400				
Certificate	NL0013125883	DAX 10265TRLOPENH	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0013125099	DAX 10268TRLOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0011907084	DAX 10270TL OPENB	EUR	13,9350	13,9350	13,9350			13,9350					
Certificate	NL0013087588	DAX 10270TRLOPENH	EUR	11,0500	11,0500	11,0500			11,0500					
Certificate	DE000CD62676	DAX 10276TL OPENZ	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0011907910	DAX 10283BL OPENB	EUR	11,4200	11,4200	10,6450	6648,0000	3	11,1850	600				
Certificate	NL0013083462	DAX 10286TRLOPENH	EUR	10,9000	10,9000	10,9000			10,9000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013124357	DAX 10290TL OPENH	EUR	12,2400	12,2400	12,2400			12,2400					
Certificate	DE000VA71V10	DAX 10290TL OPENV	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	DE000VA71V69	DAX 10290TL OPENV	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	DE000VA71VB6	DAX 10300TL 0319V	EUR	10,8750	10,8750	10,8750			10,8750					
Certificate	DE000CJ3P885	DAX 10300TL 0319Z	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000CX59MS4	DAX 10300TL OPENC	EUR	4,6400	5,1500	4,5200	9620,5000	14		2050				
Certificate	DE000CX59RX5	DAX 10300TL OPENC	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0013086770	DAX 10311TRL OPENH	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	DE000CD62756	DAX 10326TL OPENZ	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0011909197	DAX 10330TL OPENB	EUR	13,3450	13,3450	13,3450			13,3450					
Certificate	NL0013083454	DAX 10336TRL OPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000VA71V28	DAX 10340TL OPENV	EUR	12,0950	12,0950	12,0950			12,0950					
Certificate	DE000VA71V77	DAX 10340TL OPENV	EUR	10,1650	10,1650	10,1650			10,1650					
Certificate	NL0013124340	DAX 10350TL OPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	DE000CD623L0	DAX 10350TL OPENZ	EUR	11,2400	11,7050	10,9350	8430,0000	2		750				
Certificate	NL0013125875	DAX 10365TRL OPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0013125081	DAX 10368TRL OPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0013087570	DAX 10370TRL OPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000CD62684	DAX 10378TL OPENZ	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0011909205	DAX 10380TL OPENB	EUR	12,8450	12,8450	12,8450			12,8450					
Certificate	NL0013083447	DAX 10386TRL OPENH	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0011907928	DAX 10390BL OPENB	EUR	9,7200	10,1150	9,7150	9720,0000	1		1000				
Certificate	DE000VA71V36	DAX 10390TL OPENV	EUR	11,5950	11,5950	11,5950			11,5950					
Certificate	LU1876839041	DAX 10400TCI OPENS	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000VA71VC4	DAX 10400TL 0319V	EUR	9,8750	9,8750	9,8750			9,8750					
Certificate	DE000CJ3PH94	DAX 10400TL 1218Z	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CYOAK15	DAX 10400TL OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CP07C00	DAX 10400TL OPENC	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0013086762	DAX 10411TRL OPENH	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	NL0012903876	DAX 10420TL OPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CD628L9	DAX 10429TL OPENZ	EUR	9,5050	9,5050	9,5050			9,5050					
Certificate	DE000VA71N85	DAX 10439TL OPENV	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	DE000VA71N22	DAX 10440TL OPENV	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	LU1840976994	DAX 10447TCI OPENS	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	NL0012904833	DAX 10447TRL OPENH	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CD62692	DAX 10481TL OPENZ	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0013126907	DAX 10485TRL OPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000VA71PA0	DAX 10489TL OPENV	EUR	8,6750	8,6750	8,6750			8,6750					
Certificate	DE000VA71N10	DAX 10490TL OPENV	EUR	10,6150	10,6150	10,6150			10,6150					
Certificate	DE000CJ3PKB5	DAX 10500SWT0219Z	EUR	6,0300	6,0600	6,0300			6,0600					
Certificate	DE000CP06MU9	DAX 10500TL 0319C	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000VA71M78	DAX 10500TL 0319V	EUR	8,8750	8,8750	8,8750			8,8750					
Certificate	DE000CJ3P398	DAX 10500TL 0319Z	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000VA8F1P3	DAX 10500TL 1218V	EUR	8,8150	8,8150	8,8150			8,8150					
Certificate	DE000CX59UM2	DAX 10500TL OPENC	EUR											
Certificate	DE000CX59W45	DAX 10500TL OPENC	EUR											
Certificate	NL0013081466	DAX 10510TL OPENH	EUR	9,3900	10,0100	9,3900	1737,1500	1	10,0100	185				
Certificate	NL0013086754	DAX 10511TRL OPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000CD627R8	DAX 10531TL OPENZ	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0013085848	DAX 10533TRL OPENH	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	DE000VA71PD4	DAX 10539TL OPENV	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	NL0011911516	DAX 10540TL OPENB	EUR	11,3650	11,3650	11,3650			11,3650					
Certificate	DE000VA71N36	DAX 10540TL OPENV	EUR	10,1250	10,1250	10,1250			10,1250					
Certificate	LU1876839124	DAX 10550TCI OPENS	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0013018245	DAX 10551BL OPENB	EUR	7,8700	8,5050	7,8650	1623,5000	2	8,5050	200				
Certificate	NL0013082894	DAX 10557TRL OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	NL0013081045	DAX 10580TRL OPENH	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CD626A6	DAX 10583TL OPENZ	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	DE000VA71PG7	DAX 10589TL OPENV	EUR	6,8700	7,6550	6,8650	11679,0000	3	7,6550	1700				
Certificate	NL0013081458	DAX 10590TL OPENH	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000VA71N51	DAX 10590TL OPENV	EUR	9,6250	9,6250	9,6250			9,6250					
Certificate	LU1876839397	DAX 10600TCI OPENS	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000VA71NA5	DAX 10600TL 0319V	EUR	7,8850	7,8850	7,8850			7,8850					
Certificate	DE000VA8FVL7	DAX 10600TL 1218V	EUR	7,8150	7,8150	7,8150			7,8150					
Certificate	DE000CV8AAL0	DAX 10600TL 1218Z	EUR	7,3100	7,7800	7,3100	913,7500	1	7,7800	125				
Certificate	NL0013018252	DAX 10601BL OPENB	EUR	8,0050	8,0050	8,0050			8,0050					
Certificate	DE000CD62A08	DAX 10610TL OPENZ	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	NL0013082274	DAX 10618TRL OPENH	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	NL0013126295	DAX 10630TL OPENH	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CD626B4	DAX 10634TL OPENZ	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	LU1840977026	DAX 10641TCI OPENS	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000VA77FD0	DAX 10641TL OPENV	EUR	7,1250	7,1250	7,1250			7,1250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013129273	DAX 10644TRLOPENH	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	NL0011911623	DAX 10652BL OPENB	EUR	7,0000	7,4950	7,0000	4300,0000	2	7,4950	600				
Certificate	DE000VAGEAU9	DAX 10660TL OPENV	EUR	8,7850	8,7850	8,7850			8,7850					
Certificate	NL0013081037	DAX 10660TRLOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0012029045	DAX 10680TL OPENB	EUR	9,9450	9,9450	9,9450			9,9450					
Certificate	DE000CD626C2	DAX 10685TL OPENZ	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0013126899	DAX 10685TRLOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0011993241	DAX 10690TL OPENH	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000VA7TD24	DAX 10700TL 0319V	EUR	6,8850	6,8850	6,8850			6,8850					
Certificate	DE000CJ3P570	DAX 10700TL 0319Z	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000VA71U45	DAX 10700TL 1218V	EUR	6,8250	6,8250	6,8250			6,8250					
Certificate	DE000CP233V3	DAX 10700TL OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000VAGEAX3	DAX 10710TL OPENV	EUR	8,2850	8,2850	8,2850			8,2850					
Certificate	NL0013018260	DAX 10713BL OPENB	EUR	6,6200	6,8750	6,4000	6510,0000	2	6,8750	1000				
Certificate	NL0013083439	DAX 10717TRLOPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CD628K1	DAX 10736TL OPENZ	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0013083421	DAX 10737TRLOPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000VA7TCF2	DAX 10738TL OPENV	EUR	6,1550	6,1550	6,1550			6,1550					
Certificate	LU1876839470	DAX 10750TCIOPENS	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0011993233	DAX 10750TL OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0011931043	DAX 10755TRLOPENH	EUR	5,7900	6,2000	5,7000	31070,7500	4	6,2000	5358				
Certificate	DE000VAGEAZ8	DAX 10760TL OPENV	EUR	7,7950	7,7950	7,7950			7,7950					
Certificate	NL0013018278	DAX 10764BL OPENB	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	LU1840977299	DAX 10779TCIOPENS	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0012030050	DAX 10780TL OPENB	EUR	8,6200	8,9450	8,2500	5771,2500	3	8,9450	661				
Certificate	NL0013126881	DAX 10785TRLOPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CD62AS7	DAX 10786TL OPENZ	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000VA7TCK2	DAX 10788TL OPENV	EUR	5,6650	5,6650	5,6650			5,6650					
Certificate	DE000VA7TBZ2	DAX 10800TL 0319V	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	DE000CV8BD22	DAX 10800TL 1218Z	EUR	5,5400	5,8000	5,5400	637,1000	1	5,8000	115				
Certificate	DE000VAGEA09	DAX 10810TL OPENV	EUR	7,3050	7,3050	7,3050			7,3050					
Certificate	NL0013018286	DAX 10814BL OPENB	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	NL0013083413	DAX 10817TRLOPENH	EUR	5,2000	5,5900	5,0000	2676,0000	5	5,5900	520				
Certificate	NL0012095640	DAX 10820TL OPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CD62CC7	DAX 10836TL OPENZ	EUR	5,0000	5,4500	5,0000	3015,0000	2	5,4500	600				
Certificate	NL0012095632	DAX 10840TL OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0013129265	DAX 10845TRLOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	LU1876839553	DAX 10850TCIOPENS	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000VA3ZW77	DAX 10850TL 1218V	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000VAGEA17	DAX 10860TL OPENV	EUR	6,8150	6,8150	6,8150			6,8150					
Certificate	NL0013081029	DAX 10861TRLOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0013018294	DAX 10864BL OPENB	EUR	5,4500	5,4550	4,8350	1533,0000	3	5,3750	300				
Certificate	DE000CD62EB5	DAX 10870TL OPENZ	EUR	6,2700	6,6450	6,2700	194,6100	2	6,6450	31				
Certificate	NL0013079809	DAX 10882TRLOPENH	EUR	5,0800	5,0800	4,3300	16038,7500	9	4,9700	3525				
Certificate	DE000VA7PVQ7	DAX 10884TL OPENV	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	DE000CD62CD5	DAX 10887TL OPENZ	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0013126667	DAX 10890TL OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	LU1859844190	DAX 10897TCIOPENS	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000VA7PVH6	DAX 10900TL 0319V	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000CJ3P4A3	DAX 10900TL 0319Z	EUR	4,7000	4,8350	4,7000	24989,5000	2	4,8350	5300				
Certificate	DE000VA3ZWU5	DAX 10900TL 1218V	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	DE000CP236Y0	DAX 10900TL OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000VAGEA25	DAX 10910TL OPENV	EUR	6,3250	6,3250	6,3250			6,3250					
Certificate	NL0012029409	DAX 10915BL OPENB	EUR	5,1200	5,1200	4,0150	122978,0000	39	4,8650	27350				
Certificate	NL0013083405	DAX 10917TRLOPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000VAGEA66	DAX 10925TL OPENV	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000CJ3QKK4	DAX 10936TL OPENZ	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0013079122	DAX 10940TL OPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0012898597	DAX 10943TRLOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	LU1732548901	DAX 10948TL OPENS	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000VA3ZWW3	DAX 10950TL 1218V	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000VAGEA33	DAX 10960TL OPENV	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	NL0013086747	DAX 10973TRLOPENH	EUR	3,3600	4,0700	3,3600	4117,0000	3	4,0700	1150				
Certificate	NL0013085830	DAX 10975TRLOPENH	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0013018302	DAX 10976BL OPENB	EUR	4,4300	4,4350	3,5000	76182,5000	11	4,2450	19750				
Certificate	NL0013084528	DAX 10977TRLOPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0013083397	DAX 10978TRLOPENH	EUR	3,4900	4,0200	3,4900	3630,0000	2	4,0200	1000				
Certificate	NL0013184518	DAX 10980TL OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CJ3QKL2	DAX 10986TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012036925	DAX 10990TL OPENB	EUR	7,1900	7,1900	6,4050	35170,0000	2	6,9550	5000				
Certificate	LU1859844273	DAX 10992TCIOPENS	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CJ3NYK2	DAX 11000SWT0119Z	EUR	3,4100	3,4100	3,3900			3,3900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NYL0	DAX 11000SWT0119Z	EUR	3,4600	3,4600	3,4500			3,4500					
Certificate	DE000CP06MV7	DAX 11000TL 0319C	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000VA64082	DAX 11000TL 0319V	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000VA32WW1	DAX 11000TL 1218V	EUR	4,0100	4,0100	3,2700	11872,0000	6	3,8750	3200				
Certificate	DE000CV8AAM8	DAX 11000TL 1218Z	EUR	3,7600	3,8550	3,7600	13536,0000	3	3,8550	3600				
Certificate	NL0013082886	DAX 11008TRL0PENH	EUR	3,8900	3,8900	2,9800	61572,0000	18	3,7400	18725				
Certificate	DE000VA90W08	DAX 11013TL 0PENV	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0013157688	DAX 11026BL 0PENB	EUR	3,8400	3,8400	3,3900	9742,7000	7	3,7650	2640				
Certificate	DE000CJ3QKM0	DAX 11036TL 0PENZ	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	NL0013156805	DAX 11040TL 0PENB	EUR	4,5600	4,5600	3,7000	26866,0000	9	4,3350	6500				
Certificate	NL0013184831	DAX 11040TL 0PENH	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VA90WM1	DAX 11040TL 0PENV	EUR	5,4250	5,4250	5,4250			5,4250					
Certificate	NL0013185671	DAX 11043TRL0PENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	LU1876839637	DAX 11050TCI0PENS	EUR	2,7900	3,2900	2,5100	6660,0000	6	3,2900	2400				
Certificate	DE000VA90W16	DAX 11063TL 0PENV	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0013185663	DAX 11063TRL0PENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013157696	DAX 11076BL 0PENB	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	NL0013185655	DAX 11083TRL0PENH	EUR	2,9100	3,0000	2,9100	727,5000	1	3,0000	250				
Certificate	DE000CJ3QKN8	DAX 11086TL 0PENZ	EUR	2,6000	3,0000	2,6000	2240,0000	2	2,9950	800				
Certificate	NL0013157209	DAX 11090TL 0PENB	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	DE000VA90WP4	DAX 11090TL 0PENV	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	DE000VA90WX8	DAX 11100TL 0319V	EUR	3,0200	3,0200	2,2350	1170,3000	5	2,9550	425				
Certificate	DE000CJ3QK98	DAX 11100TL 0319Z	EUR	2,5500	2,5500	2,4600	2195,4000	2	2,4600	880				
Certificate	DE000CV52ZR3	DAX 11100TL 0PENB	EUR											
Certificate	NL0013185333	DAX 11100TL 0PENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000VA90XM9	DAX 11113TL 0PENV	EUR	2,3900	2,7150	2,3850	227,0500	1	2,7150	95				
Certificate	NL0013157944	DAX 11125BL 0PENB	EUR	2,3000	2,7750	2,3000	10534,0000	3	2,7750	4220				
Certificate	NL0013157217	DAX 11140TL 0PENB	EUR	3,0000	3,3650	3,0000	7480,0000	3	3,3650	2400				
Certificate	DE000VA90WT6	DAX 11140TL 0PENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	LU1876839710	DAX 11150TCI0PENS	EUR											
Certificate	NL0013185325	DAX 11160TL 0PENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013157225	DAX 11190TL 0PENB	EUR	2,9900	2,9900	2,2550	15932,0000	7	2,8650	6250				
Certificate	LU1876839801	DAX 11200TCI0PENS	EUR											
Certificate	DE000CV0AQ84	DAX 11200TL 0PENB	EUR											
Certificate	NL0013185903	DAX 11200TL 0PENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0013183627	DAX 11220TS 0PENH	EUR											
Certificate	NL0013158157	DAX 11240TL 0PENB	EUR	1,9200	2,3750	1,6700	24655,0000	4	2,3750	13500				
Certificate	LU1876839983	DAX 11250TCI0PENS	EUR											
Certificate	NL0013183619	DAX 11280TS 0PENH	EUR											
Certificate	LU1876840056	DAX 11300TCI0PENS	EUR											
Certificate	NL0013183197	DAX 11315TRS0PENH	EUR											
Certificate	NL0013155765	DAX 11320TS 0PENB	EUR											
Certificate	NL0013183189	DAX 11335TRS0PENH	EUR											
Certificate	NL0013183601	DAX 11340TS 0PENH	EUR											
Certificate	NL0013155864	DAX 11346BS 0PENB	EUR											
Certificate	LU1876842425	DAX 11350TPI0PENS	EUR											
Certificate	DE000VA9C589	DAX 11350TS 0PENV	EUR											
Certificate	NL0013183171	DAX 11355TRS0PENH	EUR											
Certificate	DE000CJ3QF95	DAX 11365TS 0PENZ	EUR											
Certificate	NL0013183163	DAX 11373TRS0PENH	EUR											
Certificate	NL0013183155	DAX 11393TRS0PENH	EUR											
Certificate	LU1876842698	DAX 11400TPI0PENS	EUR											
Certificate	DE000VA9C5L5	DAX 11400TS 0319V	EUR											
Certificate	DE000CP23627	DAX 11400TS 0PENB	EUR											
Certificate	DE000CP233W1	DAX 11400TS 0PENB	EUR											
Certificate	NL0013183593	DAX 11400TS 0PENH	EUR											
Certificate	DE000VA9C6B4	DAX 11400TS 0PENV	EUR											
Certificate	DE000VA9C5W2	DAX 11401TS 0PENV	EUR											
Certificate	NL0013183148	DAX 11412TRS0PENH	EUR	1,0800	1,4600	0,7600	346730,5000	99	0,7600	306780				
Certificate	DE000CJ3QHKO	DAX 11415TS 0PENZ	EUR											
Certificate	NL0013155773	DAX 11420TS 0PENB	EUR	2,1900	2,2800	1,6550	4706,0000	5	1,6550	2400				
Certificate	DE000CJ3QFU3	DAX 11420TS 0PENZ	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	NL0013183130	DAX 11432TRS0PENH	EUR	1,3100	1,6400	0,9100	25190,0000	21	0,9100	19500				
Certificate	NL0013155195	DAX 11444BS 0PENB	EUR	1,7100	1,8150	1,1300	8121,0000	6	1,1300	4700				
Certificate	LU1876842771	DAX 11450TPI0PENS	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000VA9C6E8	DAX 11450TS 0PENV	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000VA9C5Y8	DAX 11451TS 0PENV	EUR											
Certificate	NL0013183122	DAX 11452TRS0PENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0013183585	DAX 11460TS 0PENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CJ3QHL8	DAX 11465TS 0PENZ	EUR											
Certificate	NL0013183114	DAX 11472TRS0PENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0013183106	DAX 11492TRS0PENH	EUR	1,3900	1,3900	1,3900			1,3900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1876842854	DAX 11500TPIOPENS	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000VA9C5N1	DAX 11500TS 0319V	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000CJ3QHH6	DAX 11500TS 0319Z	EUR											
Certificate	DE000CP23706	DAX 11500TS OPENC	EUR	3,0500	3,1100	2,4900	1347,8000	2	2,4900	438				
Certificate	DE000CP233X9	DAX 11500TS OPENC	EUR	1,6900	1,6900	1,4600	1690,0000	1	1,4600	1000				
Certificate	NL0013182710	DAX 11500TS OPENH	EUR	3,0400	3,0400	3,0400								
Certificate	DE000VA9C6G3	DAX 11500TS OPENV	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	DE000VA9C506	DAX 11501TS OPENV	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0013183098	DAX 11512TRSOPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CJ3QEQ4	DAX 11513TS OPENZ	EUR	1,9200	2,2400	1,7050	13159,0000	14	1,7050	6200				
Certificate	NL0013183080	DAX 11532TRSOPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013155203	DAX 115448S OPENB	EUR	2,3300	2,3300	2,1550	14188,0000	3	2,1550	6190				
Certificate	LU1876842938	DAX 11550TPIOPENS	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000VA9C6J7	DAX 11550TS OPENV	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000VA9C514	DAX 11551TS OPENV	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0013181381	DAX 11560TS OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CJ3QCY2	DAX 11562TS OPENZ	EUR	2,4000	2,8200	2,1950	31637,0000	10	2,1950	12200				
Certificate	NL0013182520	DAX 11569TRSOPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	LU1876843076	DAX 11600TPIOPENS	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA9C5Q4	DAX 11600TS 0319V	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CP233Y7	DAX 11600TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CP23714	DAX 11600TS OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0013132988	DAX 11600TS OPENH	EUR	4,4800	4,6600	3,9900	162905,0000	16	3,9900	36500				
Certificate	DE000VA9C2M0	DAX 11600TS OPENV	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	DE000VA9C522	DAX 11601TS OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0013133903	DAX 11607TRSOPENH	EUR	2,8000	3,2200	2,5500	5958,0000	6	2,5500	2000				
Certificate	DE000CJ3QCZ9	DAX 11612TS OPENZ	EUR	2,5200	3,3600	2,4900	214483,2100	135	2,6850	73716				
Certificate	NL0013152473	DAX 11620TS OPENB	EUR	4,2000	4,2000	3,7250	9120,0000	3	3,7250	2200				
Certificate	NL0013133895	DAX 11627TRSOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0013132848	DAX 11640TS OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0013152101	DAX 116438S OPENB	EUR	2,9300	3,7800	2,9300	19692,7000	12	3,1550	5500				
Certificate	NL0013133887	DAX 11647TRSOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	LU1876843159	DAX 11650TPIOPENS	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VA9C2P3	DAX 11650TS OPENV	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	DE000VA9C2L2	DAX 11652TS OPENV	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CJ3P836	DAX 11659TS OPENZ	EUR	3,4500	3,7900	3,1550	1556,5000	5	3,1550	450				
Certificate	NL0013086622	DAX 11666TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CJ3P919	DAX 11670TS OPENZ	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	LU1732547762	DAX 11672TL OPENS	EUR											
Certificate	NL0013086614	DAX 11686TRSOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0013087208	DAX 11690TS OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CP06578	DAX 11700TL OPENC	EUR											
Certificate	LU1876843233	DAX 11700TPIOPENS	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA8FV01	DAX 11700TS 0319V	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	DE000CJ3QBZ1	DAX 11700TS 0319Z	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000VA8FVQ6	DAX 11700TS 1218V	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	DE000CP23722	DAX 11700TS OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CV522S1	DAX 11700TS OPENC	EUR	3,9300	3,9300	3,2300	1133,0000	2	3,2300	300				
Certificate	NL0013086606	DAX 11706TRSOPENH	EUR	3,4800	4,0600	3,4800	11595,0000	6	3,5100	3000				
Certificate	DE000CJ3P7D0	DAX 11708TS OPENZ	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	NL0013014053	DAX 11710TS OPENB	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	DE000VA8FWJ9	DAX 11710TS OPENV	EUR	6,0400	6,1350	5,5650	909,5000	2	5,5650	150				
Certificate	DE000VA8FVD4	DAX 11719TS OPENV	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0013126626	DAX 11730TS OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0013013782	DAX 117418S OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0013085509	DAX 11744TRSOPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CJ3PFD1	DAX 11750TS OPENZ	EUR	4,0000	4,0550	4,0000	960,0000	2	4,0550	240				
Certificate	DE000VA8FWM3	DAX 11760TS OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000VA8FVF9	DAX 11769TS OPENV	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	NL0013085244	DAX 11770TS OPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	LU1859829639	DAX 11775TPIOPENS	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0013085491	DAX 11784TRSOPENH	EUR	4,7900	4,7900	4,2900	25932,5000	6	4,2900	5500				
Certificate	DE000CP06M28	DAX 11800TL 0319C	EUR											
Certificate	DE000VA8FV43	DAX 11800TS 0319V	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	DE000VA8FVS2	DAX 11800TS 1218V	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	DE000CJ3PB7	DAX 11800TS 1218Z	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	DE000CV52ZT9	DAX 11800TS OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CJ3PFE9	DAX 11800TS OPENZ	EUR	4,3300	5,3100	4,3300	2179,4200	26	4,5450	440				
Certificate	NL0013080948	DAX 11801TRSOPENH	EUR	4,8500	5,3000	4,4600	9156,4000	13	4,4600	1860				
Certificate	NL0013085483	DAX 11804TRSOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0013014061	DAX 11810TS OPENB	EUR	5,9100	5,9100	5,5550	3537,0000	2	5,5550	600				
Certificate	DE000VA8FSF5	DAX 11810TS OPENV	EUR	6,5650	6,5650	6,5650			6,5650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8FVJ1	DAX 11819TS OPENV	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	LU1841151662	DAX 11829TPIOPENS	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0013081425	DAX 11830TS OPENH	EUR	6,9400	6,9400	6,2600	20820,0000	1	6,2600	3000				
Certificate	NL0013080930	DAX 11831TRSOPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0013080451	DAX 11838BS OPENB	EUR	5,4500	5,7250	5,0850	15638,0000	4	5,0850	2800				
Certificate	DE000CJ3PFF6	DAX 11850TS OPENZ	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000VA71NP3	DAX 11860TS OPENV	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	NL0013080922	DAX 11861TRSOPENH	EUR	5,3100	5,7000	5,0500	9546,0000	14	5,0500	1740				
Certificate	DE000VA8FSA6	DAX 11870TS OPENV	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	LU1732547846	DAX 11880TL OPENS	EUR											
Certificate	NL0013080914	DAX 11891TRSOPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0013083363	DAX 11897TRSOPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CJ3N4D9	DAX 11897TS OPENZ	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000VA71NE7	DAX 11900TS 0319V	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	DE000CJ3P4D7	DAX 11900TS 0319Z	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000VA71MX9	DAX 11900TS 1218V	EUR	5,5650	5,5650	5,5650			5,5650					
Certificate	DE000CP06VJ3	DAX 11900TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CP07C34	DAX 11900TS OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0013081417	DAX 11900TS OPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0013009434	DAX 11910TS OPENB	EUR	6,4800	7,1200	6,4750	18276,5000	4	6,5850	2650				
Certificate	DE000VA71NR9	DAX 11910TS OPENV	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	DE000CJ3N5U0	DAX 11920TS OPENZ	EUR	7,6000	7,6000	7,1600	1520,0000	1	7,1600	200				
Certificate	NL0013080906	DAX 11921TRSOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA71MC3	DAX 11923TS OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	LU1840974601	DAX 11930TPIOPENS	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0013008469	DAX 11937BS OPENB	EUR	6,2600	6,5650	6,0750	13092,5000	3	6,0750	2050				
Certificate	DE000CJ3PCH9	DAX 11948TS OPENZ	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0013080898	DAX 11951TRSOPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0013081409	DAX 11960TS OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VA71NT5	DAX 11960TS OPENV	EUR	8,0350	8,0350	8,0350			8,0350					
Certificate	DE000VA71MF6	DAX 11973TS OPENV	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0013080880	DAX 11981TRSOPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CJ3N4E7	DAX 11997TS OPENZ	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000VA71NG2	DAX 12000TS 0319V	EUR	6,6450	6,6450	6,6450			6,6450					
Certificate	DE000VA71M03	DAX 12000TS 1218V	EUR	6,5750	6,5750	6,5750			6,5750					
Certificate	DE000CJ3PD15	DAX 12000TS 1218Z	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CP06VK1	DAX 12000TS OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CP07C42	DAX 12000TS OPENC	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0013125073	DAX 12006TRSOPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0013125834	DAX 12008TRSOPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0013080872	DAX 12010TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0013007800	DAX 12010TS OPENB	EUR	8,0000	8,0450	7,5850	10017,5000	3	7,5850	1250				
Certificate	DE000VA71NU3	DAX 12010TS OPENV	EUR	8,5450	8,5450	8,5450			8,5450					
Certificate	LU1840974783	DAX 12023TPIOPENS	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000VA71MJ8	DAX 12023TS OPENV	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	NL0013079981	DAX 12030TS OPENH	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	NL0013008477	DAX 12037BS OPENB	EUR	7,0750	7,0750	7,0750			7,0750					
Certificate	NL0013080864	DAX 12040TRSOPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CJ3N732	DAX 12050TS OPENZ	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000VA71NW9	DAX 12060TS OPENV	EUR	9,0550	9,0550	9,0550			9,0550					
Certificate	NL0013080856	DAX 12070TRSOPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000VA71MP5	DAX 12073TS OPENV	EUR	6,8450	6,8450	6,8450			6,8450					
Certificate	DE000VA1GJD2	DAX 12080TL OPENV	EUR											
Certificate	NL0013079973	DAX 12080TS OPENH	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CJ3N3U5	DAX 12096TS OPENZ	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0013084494	DAX 12097TRSOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000CQ5AQ80	DAX 12100TL OPENC	EUR											
Certificate	NL0013080849	DAX 12100TRSOPENH	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VA71NK4	DAX 12100TS 0319V	EUR	7,6550	7,6550	7,6550			7,6550					
Certificate	DE000CJ3P4E5	DAX 12100TS 0319Z	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000VA71M45	DAX 12100TS 1218V	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	DE000CP06VL9	DAX 12100TS OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CP07C59	DAX 12100TS OPENC	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0013085822	DAX 12104TRSOPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0013007123	DAX 12110TS OPENB	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	DE000VA71NY5	DAX 12110TS OPENV	EUR	9,5650	9,5650	9,5650			9,5650					
Certificate	LU1840959982	DAX 12118TPIOPENS	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0013079965	DAX 12120TS OPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000VA71MR1	DAX 12123TS OPENV	EUR	7,3450	7,3450	7,3450			7,3450					
Certificate	NL0013079775	DAX 12129TRSOPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0013006851	DAX 12135BS OPENB	EUR	7,8500	8,3400	7,8450	3238,0000	2	8,0550	400				
Certificate	DE000CJ3N153	DAX 12146TS OPENZ	EUR	7,9500	7,9500	7,9500			7,9500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079767	DAX 12149TRSOPENH	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000VA3TJM2	DAX 12160TL OPENV	EUR											
Certificate	NL0013079957	DAX 12160TS OPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000VA7TD32	DAX 12160TS OPENV	EUR	10,0350	10,0350	10,0350			10,0350					
Certificate	NL0013079759	DAX 12168TRSOPENH	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CJ3N3C3	DAX 12170TS OPENZ	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000VA7TE56	DAX 12174TS OPENV	EUR	7,8150	7,8150	7,8150			7,8150					
Certificate	NL0013079742	DAX 12188TRSOPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0013079114	DAX 12190TS OPENH	EUR	10,4600	10,6800	9,9900	2591,5000	10	9,9900	250				
Certificate	DE000CJ3N0U1	DAX 12195TS OPENZ	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000CQ5AX25	DAX 12200TL OPENC	EUR											
Certificate	DE000VA7TE98	DAX 12200TS 0319V	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	DE000VA7TE72	DAX 12200TS 1218V	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	DE000CJ3N3T7	DAX 12200TS 1218Z	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0013006448	DAX 12200TS OPENB	EUR	9,5400	9,5850	9,5400	4770,0000	1	9,5850	500				
Certificate	DE000CP06VM7	DAX 12200TS OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CP07C67	DAX 12200TS OPENC	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0013079734	DAX 12208TRSOPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000VA7TB67	DAX 12210TS OPENV	EUR	10,5350	10,5350	10,5350			10,5350					
Certificate	NL0013079106	DAX 12220TS OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000VA7TDY1	DAX 12224TS OPENV	EUR	8,3050	8,3050	8,3050			8,3050					
Certificate	NL0013079726	DAX 12228TRSOPENH	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	LU1840910548	DAX 12232TPIOPENS	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0013006125	DAX 12233BS OPENB	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	NL0013078462	DAX 12245TRSOPENH	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000CJ3N0V9	DAX 12245TS OPENZ	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000VA7TB83	DAX 12260TS OPENV	EUR	11,0450	11,0450	11,0450			11,0450					
Certificate	NL0013127780	DAX 12270TRSOPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0013079098	DAX 12270TS OPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000VA7TD08	DAX 12274TS OPENV	EUR	8,8050	8,8050	8,8050			8,8050					
Certificate	DE000CJ3N0W7	DAX 12295TS OPENZ	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	DE000CQ5AY02	DAX 12300TL OPENC	EUR											
Certificate	DE000CQ5AXK7	DAX 12300TL OPENC	EUR											
Certificate	DE000VA7TB18	DAX 12300TS 0319V	EUR	9,6650	9,6650	9,6650			9,6650					
Certificate	DE000CJ3P588	DAX 12300TS 0319Z	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	DE000VA7TBX7	DAX 12300TS 1218V	EUR	9,5750	9,5750	9,5750			9,5750					
Certificate	NL0013005390	DAX 12300TS OPENB	EUR	10,5750	10,5750	10,5750			10,5750					
Certificate	NL0013185648	DAX 12301TRSOPENH	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000VA7TCA3	DAX 12310TS OPENV	EUR	11,5450	11,5450	11,5450			11,5450					
Certificate	DE000VA7TB57	DAX 12324TS OPENV	EUR	9,2950	9,2950	9,2950			9,2950					
Certificate	DE000CV8A2Z1	DAX 12327TL OPENZ	EUR											
Certificate	NL0013079536	DAX 12336TRSOPENH	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CJ3N0X5	DAX 12344TS OPENZ	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0013079528	DAX 12346TRSOPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0013078454	DAX 12354TRSOPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	DE000VA7TCD7	DAX 12360TS OPENV	EUR	12,0550	12,0550	12,0550			12,0550					
Certificate	DE000VA7TBU3	DAX 12374TS OPENV	EUR	9,7950	9,7950	9,7950			9,7950					
Certificate	NL0012895478	DAX 12384TRSOPENH	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	DE000CV8A302	DAX 12389TL OPENZ	EUR											
Certificate	NL0012906895	DAX 12390TS OPENH	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CJ3NZX2	DAX 12393TS OPENZ	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000CQ5AY10	DAX 12400TL OPENC	EUR											
Certificate	DE000CQ5AXL5	DAX 12400TL OPENC	EUR											
Certificate	DE000VA7TB34	DAX 12400TS 0319V	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	DE000VA7TBY5	DAX 12400TS 1218V	EUR	10,5750	10,5750	10,5750			10,5750					
Certificate	DE000CJ3N120	DAX 12400TS 1218Z	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CP067N2	DAX 12400TS OPENC	EUR											
Certificate	DE000CP06891	DAX 12400TS OPENC	EUR											
Certificate	NL0013127772	DAX 12410TRSOPENH	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0012894471	DAX 12410TS OPENH	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	DE000VA7PVP9	DAX 12410TS OPENV	EUR	12,5350	12,5350	12,5350			12,5350					
Certificate	NL0012906341	DAX 12419TRSOPENH	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	NL0012900567	DAX 12420TS OPENH	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	DE000VA7TBV1	DAX 12424TS OPENV	EUR	10,2950	10,2950	10,2950			10,2950					
Certificate	DE000CV8A310	DAX 12427TL OPENZ	EUR											
Certificate	NL0012994701	DAX 12428BS OPENB	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000CV8B896	DAX 12433TS OPENZ	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000CV8ADE9	DAX 12439TL OPENZ	EUR											
Certificate	NL0013182512	DAX 12449TRSOPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	NL0012894430	DAX 12450TS OPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000CV8B870	DAX 12450TS OPENZ	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	NL0012895437	DAX 12454TRSOPENH	EUR	10,9500	10,9500	10,9500			10,9500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012894422	DAX 12460TS OPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0012894414	DAX 12470TS OPENH	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	NL0012906333	DAX 12479TRSOPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	NL0012993398	DAX 12490TS OPENB	EUR	13,1150	13,1150	13,1150			13,1150					
Certificate	DE000VA6D492	DAX 12490TS OPENV	EUR	13,1050	13,1050	13,1050			13,1050					
Certificate	DE000CJ3NZP8	DAX 12492TS OPENZ	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000CQ5AXM3	DAX 12500TL OPENC	EUR											
Certificate	DE000CQ5AY28	DAX 12500TL OPENC	EUR											
Certificate	DE000CP06P21	DAX 12500TS 0319C	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	DE000VA7PVL8	DAX 12500TS 0319V	EUR	11,6750	11,6750	11,6750			11,6750					
Certificate	DE000CJ3P4F2	DAX 12500TS 0319Z	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	DE000VA6D527	DAX 12500TS 1218V	EUR	11,5750	11,5750	11,5750			11,5750					
Certificate	DE000CP068A7	DAX 12500TS OPENC	EUR	11,6800	11,6800	11,6800			11,6800					
Certificate	DE000CP067P7	DAX 12500TS OPENC	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	DE000VA6D443	DAX 12500TS OPENV	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	NL0012937585	DAX 12504TRSOPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0012905392	DAX 12518TRSOPENH	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	DE000CV8AVG6	DAX 12524TS OPENZ	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	NL0012988844	DAX 125268S OPENB	EUR	11,9650	11,9650	11,9650			11,9650					
Certificate	NL0012905384	DAX 12528TRSOPENH	EUR	11,6800	11,6800	11,6800			11,6800					
Certificate	NL0012893770	DAX 12530TS OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	DE000VA6D3L2	DAX 12540TS OPENV	EUR	13,5950	13,5950	13,5950			13,5950					
Certificate	NL0012937544	DAX 12543TRSOPENH	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	DE000VA6D450	DAX 12550TS OPENV	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0012905376	DAX 12557TRSOPENH	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	LU1817097154	DAX 12560TPIOPENS	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	NL0012937890	DAX 12560TS OPENH	EUR	14,1000	14,1000	13,6400	4230,0000	1	13,6400	300				
Certificate	NL0012905368	DAX 12567TRSOPENH	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	NL0012937502	DAX 12583TRSOPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	DE000CJ3NV07	DAX 12587TS OPENZ	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	NL0012988638	DAX 12590TS OPENB	EUR	14,0750	14,0750	14,0750			14,0750					
Certificate	DE000VASRR19	DAX 12590TS OPENV	EUR	14,0950	14,0950	14,0950			14,0950					
Certificate	DE000CP06Q05	DAX 12600TS 0319C	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	DE000VA7PPV9	DAX 12600TS 0319V	EUR	12,6750	12,6750	12,6750			12,6750					
Certificate	DE000VASRC29	DAX 12600TS 1218V	EUR	12,5750	12,5750	12,5750			12,5750					
Certificate	DE000CV8AXD9	DAX 12600TS 1218Z	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CQ5BWB6	DAX 12600TS OPENC	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CP064N9	DAX 12600TS OPENC	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	NL0012893143	DAX 12610TS OPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0012937106	DAX 12611TRSOPENH	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	DE000VASRC94	DAX 12618TS OPENV	EUR	11,7650	11,7650	11,7650			11,7650					
Certificate	DE000CV8AU11	DAX 12622TS OPENZ	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0012988448	DAX 126248S OPENB	EUR	12,9450	12,9450	12,9450			12,9450					
Certificate	NL0012936777	DAX 12630TS OPENH	EUR	14,4400	14,4400	14,4400			14,4400					
Certificate	NL0012937080	DAX 12631TRSOPENH	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	DE000VASRDF8	DAX 12640TS OPENV	EUR	14,4350	14,4350	14,4350			14,4350					
Certificate	NL0012937072	DAX 12641TRSOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000VASRDM4	DAX 12650TS 1218V	EUR	13,0750	13,0750	13,0750			13,0750					
Certificate	DE000VASRDA9	DAX 12668TS OPENV	EUR	12,2650	12,2650	12,2650			12,2650					
Certificate	NL0012934483	DAX 12670TS OPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	DE000CV8B6R8	DAX 12673TS OPENZ	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	LU1816971482	DAX 12678TPIOPENS	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	NL0012937031	DAX 12680TRSOPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	NL0012986582	DAX 12680TS OPENB	EUR	15,3800	15,3850	14,9950	230,7000	1	14,9950	15				
Certificate	DE000VASRDG6	DAX 12690TS OPENV	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	DE000CV8ALE2	DAX 12690TS OPENZ	EUR	14,9400	14,9400	14,9400			14,9400					
Certificate	NL0012935019	DAX 12694TRSOPENH	EUR	13,3500	13,3500	13,3500			13,3500					
Certificate	DE000CP06N32	DAX 12700TS 0319C	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	DE000VA7PPY3	DAX 12700TS 0319V	EUR	13,6750	13,6750	13,6750			13,6750					
Certificate	DE000CJ3P596	DAX 12700TS 0319Z	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	DE000VASRC37	DAX 12700TS 1218V	EUR	13,5750	13,5750	13,5750			13,5750					
Certificate	DE000CQ5ACD6	DAX 12700TS OPENC	EUR											
Certificate	DE000CQ5BWC4	DAX 12700TS OPENC	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000CP061U0	DAX 12700TS OPENC	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	DE000VASRDB7	DAX 12718TS OPENV	EUR	12,7650	12,7650	12,7650			12,7650					
Certificate	DE000CV8AU29	DAX 12722TS OPENZ	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	NL0012934848	DAX 12723TRSOPENH	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0012934442	DAX 12740TS OPENH	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	DE000VASRDJ0	DAX 12740TS OPENV	EUR	15,4450	15,4450	15,4450			15,4450					
Certificate	DE000VASRDN2	DAX 12750TS 1218V	EUR	14,0750	14,0750	14,0750			14,0750					
Certificate	NL0012904098	DAX 12752TRSOPENH	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	DE000CV89KR3	DAX 12758TS OPENZ	EUR	14,0400	14,0400	14,0400			14,0400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRDC5	DAX 12768TS OPENV	EUR	13,2550	13,2550	13,2550			13,2550					
Certificate	NL0012917678	DAX 12772TRSOPENH	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	DE000CV89MS7	DAX 12776TS OPENZ	EUR											
Certificate	NL0012986590	DAX 12780TS OPENB	EUR	16,0050	16,0050	16,0050			16,0050					
Certificate	DE000VASRCN4	DAX 12790TS OPENV	EUR	15,9450	15,9450	15,9450			15,9450					
Certificate	LU1816971565	DAX 12794TPIOPENS	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	DE000CP06N40	DAX 12800TS 0319C	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	DE000VA7PP08	DAX 12800TS 0319V	EUR	14,6850	14,6850	14,6850			14,6850					
Certificate	DE000VASRDP7	DAX 12800TS 1218V	EUR	14,5750	14,5750	14,5750			14,5750					
Certificate	DE000CV88680	DAX 12800TS 1218Z	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	DE000CP063M3	DAX 12800TS OPENC	EUR	14,6400	14,6400	14,6400			14,6400					
Certificate	DE000CY52WM1	DAX 12800TS OPENC	EUR											
Certificate	DE000CY52XY4	DAX 12800TS OPENC	EUR											
Certificate	DE000CQ58UK1	DAX 12800TS OPENC	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	NL0012916712	DAX 12800TS OPENH	EUR	16,0900	16,0900	16,0900			16,0900					
Certificate	NL0012904080	DAX 12801TRSOPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000VASRCK0	DAX 12818TS OPENV	EUR	13,7450	13,7450	13,7450			13,7450					
Certificate	DE000CV8AKW6	DAX 12819TS OPENZ	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	NL0012917637	DAX 12821TRSOPENH	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	NL0012916670	DAX 12840TS OPENH	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	DE000VASRBJ4	DAX 12840TS OPENV	EUR	16,4250	16,4250	16,4250			16,4250					
Certificate	NL0012917629	DAX 12841TRSOPENH	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	DE000VASRCM6	DAX 12850TS 1218V	EUR	15,0750	15,0750	15,0750			15,0750					
Certificate	DE000CV89JK0	DAX 12857TS OPENZ	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	DE000CV8AKV8	DAX 12858TS OPENZ	EUR											
Certificate	NL0012981716	DAX 12860TS OPENB	EUR	16,8750	16,8750	16,8750			16,8750					
Certificate	NL0012904072	DAX 12871TRSOPENH	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	DE000VA4Y0M3	DAX 12872TS OPENV	EUR	14,2150	14,2150	14,2150			14,2150					
Certificate	NL0012916654	DAX 12880TS OPENH	EUR	16,8900	16,8900	16,8900			16,8900					
Certificate	DE000CP06N57	DAX 12900TS 0319C	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	DE000VA7PP32	DAX 12900TS 0319V	EUR	15,6850	15,6850	15,6850			15,6850					
Certificate	DE000VA3TLM8	DAX 12900TS 1218V	EUR	15,5750	15,5750	15,5750			15,5750					
Certificate	DE000CQ58PA2	DAX 12900TS OPENC	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	DE000CY52WN9	DAX 12900TS OPENC	EUR											
Certificate	DE000CP064P4	DAX 12900TS OPENC	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	NL0012904064	DAX 12901TRSOPENH	EUR	15,4300	15,4300	15,4300			15,4300					
Certificate	DE000CV8AGY0	DAX 12918TS OPENZ	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	NL0012917587	DAX 12919TRSOPENH	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	NL0012918262	DAX 12920TS OPENH	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	LU1790429598	DAX 12929TPIOPENS	EUR	14,1500	14,1500	14,1500			14,1500					
Certificate	DE000VA3EDD6	DAX 12930TS OPENV	EUR	16,9050	16,9050	16,9050			16,9050					
Certificate	DE000CV89JR5	DAX 12930TS OPENZ	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0012919278	DAX 12932TRSOPENH	EUR	15,7400	15,7400	15,7400			15,7400					
Certificate	DE000VA3ZWG4	DAX 12950TS 1218V	EUR	16,0750	16,0750	16,0750			16,0750					
Certificate	DE000CV89JM6	DAX 12957TS OPENZ	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	DE000VA3EC26	DAX 12959TS OPENV	EUR	15,1800	15,1950	14,6850	121,4400	1	14,6850	8				
Certificate	NL0012918247	DAX 12960TS OPENH	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	NL0012972566	DAX 12970TS OPENB	EUR	17,9250	17,9250	17,9250			17,9250					
Certificate	NL0012916134	DAX 12980TS OPENH	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	DE000VA3EDF1	DAX 12980TS OPENV	EUR	17,4050	17,4050	17,4050			17,4050					
Certificate	NL0012612469	DAX 12981TRSOPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	NL0012562433	DAX 12989TRSOPENH	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	DE000CP06N65	DAX 13000TS 0319C	EUR	16,6600	16,6600	16,6600			16,6600					
Certificate	DE000VA7PP40	DAX 13000TS 0319V	EUR	16,6850	16,6850	16,6850			16,6850					
Certificate	DE000VA3TLN6	DAX 13000TS 1218V	EUR	16,5750	16,5750	16,5750			16,5750					
Certificate	DE000CV8AQM4	DAX 13000TS 1218Z	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	DE000CQ58JR9	DAX 13000TS OPENC	EUR	15,7300	15,7300	15,7300			15,7300					
Certificate	DE000CP061V8	DAX 13000TS OPENC	EUR	15,3900	15,3900	15,3900			15,3900					
Certificate	DE000CQ58M62	DAX 13000TS OPENC	EUR	14,5800	14,5800	14,5800			14,5800					
Certificate	NL0012916126	DAX 13000TS OPENH	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	LU1790509274	DAX 13006TPIOPENS	EUR	15,2000	15,2000	15,2000			15,2000					
Certificate	DE000CV89J30	DAX 13006TS OPENZ	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	DE000VA3EC42	DAX 13009TS OPENV	EUR	15,1850	15,1850	15,1850			15,1850					
Certificate	NL0012681811	DAX 13012BS OPENB	EUR	16,8350	16,8350	16,8350			16,8350					
Certificate	NL0012914121	DAX 13028TRSOPENH	EUR	16,6900	16,6900	16,6900			16,6900					
Certificate	DE000VA3EDG9	DAX 13030TS OPENV	EUR	17,9150	17,9150	17,9150			17,9150					
Certificate	NL0012916100	DAX 13040TS OPENH	EUR	18,5700	18,5700	18,5700			18,5700					
Certificate	DE000VA3ZWH2	DAX 13050TS 1218V	EUR	17,0750	17,0750	17,0750			17,0750					
Certificate	DE000CV89J48	DAX 13056TS OPENZ	EUR	17,0100	17,0100	17,0100			17,0100					
Certificate	DE000VA3EC67	DAX 13059TS OPENV	EUR	15,6750	15,6750	15,6750			15,6750					
Certificate	NL0012786636	DAX 13060TS OPENB	EUR	18,9150	18,9150	18,9150			18,9150					
Certificate	LU1790509514	DAX 13064TPIOPENS	EUR	15,7700	15,7700	15,7700			15,7700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012562904	DAX 13070TS OPENH	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0012612121	DAX 13078TRSOPENH	EUR	17,2000	17,2000	17,2000			17,2000					
Certificate	DE000VA3EDH7	DAX 13080TS OPENV	EUR	18,4150	18,4150	18,4150			18,4150					
Certificate	DE000VA7PP73	DAX 13100TS 0319V	EUR	17,6850	17,6850	17,6850			17,6850					
Certificate	DE000CJ3P4G0	DAX 13100TS 0319Z	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	DE000VA3TLP1	DAX 13100TS 1218V	EUR	17,5750	17,5750	17,5750			17,5750					
Certificate	DE000CQ5BJ57	DAX 13100TS OPENC	EUR	16,7200	16,7200	16,7200			16,7200					
Certificate	NL0012562037	DAX 13100TS OPENH	EUR	19,1400	19,1400	19,1400			19,1400					
Certificate	DE000CV89J55	DAX 13105TS OPENZ	EUR	17,5100	17,5100	17,5100			17,5100					
Certificate	DE000VA3EC83	DAX 13109TS OPENV	EUR	16,1750	16,1750	16,1750			16,1750					
Certificate	NL0012561872	DAX 13130TS OPENH	EUR	19,4300	19,4300	19,4300			19,4300					
Certificate	DE000VA3EDJ3	DAX 13130TS OPENV	EUR	18,9150	18,9150	18,9150			18,9150					
Certificate	NL0012912760	DAX 13135TRSOPENH	EUR	17,7600	17,7600	17,7600			17,7600					
Certificate	DE000VA3ZJW8	DAX 13150TS 1218V	EUR	18,0750	18,0750	18,0750			18,0750					
Certificate	NL0012681282	DAX 13150TS OPENB	EUR	19,1250	19,1250	19,1250			19,1250					
Certificate	DE000CV89J63	DAX 13155TS OPENZ	EUR	18,0100	18,0100	18,0100			18,0100					
Certificate	DE000VA3EC91	DAX 13159TS OPENV	EUR	16,6650	16,6650	16,6650			16,6650					
Certificate	NL0012918171	DAX 13170TS OPENH	EUR	19,9100	19,9100	19,9100			19,9100					
Certificate	DE000CV4ZSE3	DAX 13180TS OPENZ	EUR	19,8950	19,8950	19,8950			19,8950					
Certificate	NL0012561534	DAX 13194TRSOPENH	EUR	18,3600	18,3600	18,3600			18,3600					
Certificate	DE000CP06N73	DAX 13200TS 0319C	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	DE000VA7PQA1	DAX 13200TS 0319V	EUR	18,6850	18,6850	18,6850			18,6850					
Certificate	DE000VA3TLR7	DAX 13200TS 1218V	EUR	18,5750	18,5750	18,5750			18,5750					
Certificate	DE000CV8AL38	DAX 13200TS 1218Z	EUR	18,5700	18,5700	18,5700			18,5700					
Certificate	DE000CQ5BFW7	DAX 13200TS OPENC	EUR	17,5600	17,5600	17,5600			17,5600					
Certificate	DE000CV89Z29	DAX 13201TS OPENZ	EUR	18,4600	18,4600	18,4600			18,4600					
Certificate	NL0012498810	DAX 13203BS OPENB	EUR	18,7350	18,7350	18,7350			18,7350					
Certificate	NL0012613160	DAX 13210TS OPENH	EUR	20,2700	20,2700	20,2700			20,2700					
Certificate	NL0012918122	DAX 13240TS OPENH	EUR	20,6200	20,6200	20,6200			20,6200					
Certificate	DE000CE6FJ19	DAX 13247TS OPENZ	EUR	18,9200	18,9200	18,9200			18,9200					
Certificate	DE000VA3ZWK6	DAX 13250TS 1218V	EUR	19,0750	19,0750	19,0750			19,0750					
Certificate	NL0012680524	DAX 13250TS OPENB	EUR	22,8550	22,8550	22,8550			22,8550					
Certificate	NL0012537070	DAX 13259TRSOPENH	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	NL0012915862	DAX 13276TRSOPENH	EUR	19,1700	19,1700	19,1700			19,1700					
Certificate	DE000VL61NU1	DAX 13290TS OPENV	EUR	19,3550	19,3550	19,3550			19,3550					
Certificate	NL0012987259	DAX 13300BOC0619B	EUR	118,4000	118,4000	118,4000			118,4000					
Certificate	LU1756868862	DAX 13300TPIOPENS	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	DE000VA7PQE3	DAX 13300TS 0319V	EUR	19,6850	19,6850	19,6850			19,6850					
Certificate	DE000VA3TLT3	DAX 13300TS 1218V	EUR	19,5750	19,5750	19,5750			19,5750					
Certificate	NL0012903835	DAX 13300TS OPENH	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	DE000CE6BWE2	DAX 13310TS OPENZ	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	DE000VL61NB1	DAX 13326TS OPENV	EUR	17,1550	17,1550	17,1550			17,1550					
Certificate	NL0012530125	DAX 13339TRSOPENH	EUR	19,8100	19,8100	19,8100			19,8100					
Certificate	DE000VL61NW7	DAX 13340TS OPENV	EUR	19,8550	19,8550	19,8550			19,8550					
Certificate	NL0011048228	DAX 13343TRSOPENH	EUR	19,8300	19,8300	19,8300			19,8300					
Certificate	DE000VA3ZWL4	DAX 13350TS 1218V	EUR	20,0750	20,0750	20,0750			20,0750					
Certificate	NL0012527832	DAX 13350TS OPENH	EUR	21,6500	21,6500	21,6500			21,6500					
Certificate	NL0012090641	DAX 13350TS OPENH	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	DE000CE6FLJ0	DAX 13357TS OPENZ	EUR	20,0200	20,0200	20,0200			20,0200					
Certificate	DE000VL61ND7	DAX 13376TS OPENV	EUR	17,6450	17,6450	17,6450			17,6450					
Certificate	DE000VL61NZ0	DAX 13390TS OPENV	EUR	20,3550	20,3550	20,3550			20,3550					
Certificate	LU1756869084	DAX 13396TPIOPENS	EUR	18,3300	18,3300	18,3300			18,3300					
Certificate	NL0012499537	DAX 13399BS OPENB	EUR	20,6950	20,6950	20,6950			20,6950					
Certificate	DE000CP06N81	DAX 13400TS 0319C	EUR	20,6600	20,6600	20,6600			20,6600					
Certificate	DE000VA7PQH6	DAX 13400TS 0319V	EUR	20,6850	20,6850	20,6850			20,6850					
Certificate	DE000VA3ZWM2	DAX 13400TS 1218V	EUR	20,5750	20,5750	20,5750			20,5750					
Certificate	DE000CV8AAS5	DAX 13400TS 1218Z	EUR	20,5700	20,5700	20,5700			20,5700					
Certificate	DE000CV52SD8	DAX 13400TS OPENC	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CV52XS6	DAX 13400TS OPENC	EUR	18,0700	18,0700	18,0700			18,0700					
Certificate	NL0013084486	DAX 13402TRSOPENH	EUR	20,4400	20,4400	20,4400			20,4400					
Certificate	DE000CE6F4P1	DAX 13408TS OPENZ	EUR	20,5300	20,5300	20,5300			20,5300					
Certificate	NL0012863161	DAX 13415TRSOPENH	EUR	20,5700	20,5700	20,5700			20,5700					
Certificate	NL0013003866	DAX 13420TS OPENB	EUR	21,8450	21,8450	21,8450			21,8450					
Certificate	DE000CV4ZSD5	DAX 13420TS OPENZ	EUR	22,3850	22,3850	22,3850			22,3850					
Certificate	DE000VL61NF2	DAX 13426TS OPENV	EUR	18,1350	18,1350	18,1350			18,1350					
Certificate	NL0012277008	DAX 13440TS OPENB	EUR	24,8450	24,8450	24,8450			24,8450					
Certificate	NL0012851323	DAX 13440TS OPENH	EUR	22,6400	22,6400	22,6400			22,6400					
Certificate	DE000VL61N19	DAX 13440TS OPENV	EUR	20,8550	20,8550	20,8550			20,8550					
Certificate	DE000VA3ZWN0	DAX 13450TS 1218V	EUR	21,0750	21,0750	21,0750			21,0750					
Certificate	DE000CE6F4Q9	DAX 13458TS OPENZ	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	NL0012904817	DAX 13461TRSOPENH	EUR	21,0200	21,0200	21,0200			21,0200					
Certificate	DE000VL61NJ4	DAX 13476TS OPENV	EUR	18,6250	18,6250	18,6250			18,6250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL61N35	DAX 13490TS OPENV	EUR	21,3550	21,3550	21,3550			21,3550					
Certificate	DE000CP06N99	DAX 13500TS 0319C	EUR	21,6600	21,6600	21,6600			21,6600					
Certificate	DE000VA7PQP9	DAX 13500TS 0319V	EUR	21,6950	21,6950	21,6950			21,6950					
Certificate	DE000CJ3P6A8	DAX 13500TS 0319Z	EUR	21,6600	21,6600	21,6600			21,6600					
Certificate	DE000VA3ZWP5	DAX 13500TS 1218V	EUR	21,5750	21,5750	21,5750			21,5750					
Certificate	DE000CY52SE6	DAX 13500TS OPENC	EUR	17,7400	17,7400	17,7400			17,7400					
Certificate	DE000CY52XR8	DAX 13500TS OPENC	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	LU1784828235	DAX 13504TS OPENS	EUR	19,4900	19,4900	19,4900			19,4900					
Certificate	DE000CE6FAD1	DAX 13512TS OPENZ	EUR	21,5700	21,5700	21,5700			21,5700					
Certificate	NL0012329783	DAX 13522TRSOPENH	EUR	21,6300	21,6300	21,6300			21,6300					
Certificate	DE000VL61NM8	DAX 13526TS OPENV	EUR	19,1150	19,1150	19,1150			19,1150					
Certificate	NL0012536155	DAX 13530TS OPENH	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	DE000VL61N50	DAX 13540TS OPENV	EUR	21,8550	21,8550	21,8550			21,8550					
Certificate	DE000VA3ZWQ3	DAX 13550TS 1218V	EUR	22,0750	22,0750	22,0750			22,0750					
Certificate	NL0012862213	DAX 13550TS OPENH	EUR	23,7500	23,7500	23,7500			23,7500					
Certificate	DE000VL61NP1	DAX 13576TS OPENV	EUR	19,6050	19,6050	19,6050			19,6050					
Certificate	DE000CD64946	DAX 13598TS OPENZ	EUR	22,4200	22,4200	22,4200			22,4200					
Certificate	DE000VA7PQT1	DAX 13600TS 0319V	EUR	22,6950	22,6950	22,6950			22,6950					
Certificate	DE000VA3ZWR1	DAX 13600TS 1218V	EUR	22,5750	22,5750	22,5750			22,5750					
Certificate	DE000CV8AAT3	DAX 13600TS 1218Z	EUR	22,5700	22,5700	22,5700			22,5700					
Certificate	NL0012537955	DAX 13630TRSOPENH	EUR	22,7200	22,7200	22,7200			22,7200					
Certificate	LU1784828151	DAX 13634TS OPENS	EUR	20,7700	20,7700	20,7700			20,7700					
Certificate	NL0013001621	DAX 13640TS OPENB	EUR	24,7350	24,7350	24,7350			24,7350					
Certificate	NL0012536080	DAX 13640TS OPENH	EUR	24,6500	24,6500	24,6500			24,6500					
Certificate	DE000VA3ZWS9	DAX 13650TS 1218V	EUR	23,0750	23,0750	23,0750			23,0750					
Certificate	DE000CE6FAE9	DAX 13651TS OPENZ	EUR	22,9500	22,9500	22,9500			22,9500					
Certificate	DE000VL37QA6	DAX 13660TS OPENV	EUR	22,3250	22,3250	22,3250			22,3250					
Certificate	DE000CE6C6W5	DAX 13670TS OPENZ	EUR	24,8250	24,8250	24,8250			24,8250					
Certificate	DE000CE6FCR7	DAX 13694TS OPENZ	EUR	23,3900	23,3900	23,3900			23,3900					
Certificate	DE000VA7PQX3	DAX 13700TS 0319V	EUR	23,6950	23,6950	23,6950			23,6950					
Certificate	DE000VA3Z013	DAX 13700TS 1218V	EUR	23,5750	23,5750	23,5750			23,5750					
Certificate	DE000CY524G5	DAX 13700TS OPENC	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	DE000CY52442	DAX 13700TS OPENC	EUR	19,8700	19,8700	19,8700			19,8700					
Certificate	DE000VL37QB4	DAX 13710TS OPENV	EUR	22,8250	22,8250	22,8250			22,8250					
Certificate	DE000VL2FUU0	DAX 13734TS OPENV	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	NL0012864136	DAX 13736TRSOPENH	EUR	23,7600	23,7600	23,7600			23,7600					
Certificate	NL0012329577	DAX 13740TS OPENH	EUR	25,6400	25,6400	25,6400			25,6400					
Certificate	NL0012520118	DAX 13741TRSOPENH	EUR											
Certificate	DE000CE6FC55	DAX 13744TS OPENZ	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	DE000VA3Z2K3	DAX 13750TS 1218V	EUR	24,0750	24,0750	24,0750			24,0750					
Certificate	DE000VL37QC2	DAX 13760TS OPENV	EUR	23,3150	23,3150	23,3150			23,3150					
Certificate	DE000VL2FUV8	DAX 13784TS OPENV	EUR	20,5550	20,5550	20,5550			20,5550					
Certificate	NL0012537419	DAX 13790TS OPENH	EUR	26,1600	26,1600	26,1600			26,1600					
Certificate	DE000CE6FCT3	DAX 13794TS OPENZ	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	DE000VL37P42	DAX 13798TS OPENV	EUR	21,0550	21,0550	21,0550			21,0550					
Certificate	DE000VA3Z2L1	DAX 13800TS 1218V	EUR	24,5750	24,5750	24,5750			24,5750					
Certificate	DE000CV8AAU1	DAX 13800TS 1218Z	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	DE000CY51G59	DAX 13800TS OPENC	EUR	19,0800	19,0800	19,0800			19,0800					
Certificate	DE000VL37QD0	DAX 13810TS OPENV	EUR	23,8150	23,8150	23,8150			23,8150					
Certificate	NL0012208151	DAX 13819TRSOPENH	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	DE000CE6FCU1	DAX 13843TS OPENZ	EUR	24,8700	24,8700	24,8700			24,8700					
Certificate	DE000VL37P59	DAX 13848TS OPENV	EUR	21,5450	21,5450	21,5450			21,5450					
Certificate	DE000VA3Z2M9	DAX 13850TS 1218V	EUR	25,0750	25,0750	25,0750			25,0750					
Certificate	LU1784828078	DAX 13851TS OPENS	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	DE000VL37L04	DAX 13860TS OPENV	EUR	24,2550	24,2550	24,2550			24,2550					
Certificate	DE000CE6FEY9	DAX 13898TS OPENZ	EUR	25,4200	25,4200	25,4200			25,4200					
Certificate	DE000CJ3P6B6	DAX 13900TS 0319Z	EUR	25,6600	25,6600	25,6600			25,6600					
Certificate	DE000VA3Z4H5	DAX 13900TS 1218V	EUR	25,5750	25,5750	25,5750			25,5750					
Certificate	DE000CY51WT8	DAX 13900TS OPENC	EUR	21,7500	21,7500	21,7500			21,7500					
Certificate	DE000VL2FXN9	DAX 13908TS OPENV	EUR	22,0350	22,0350	22,0350			22,0350					
Certificate	DE000VL37L12	DAX 13910TS OPENV	EUR	24,7450	24,7450	24,7450			24,7450					
Certificate	DE000CE6CJD9	DAX 13910TS OPENZ	EUR	27,3150	27,3150	27,3150			27,3150					
Certificate	NL0012051650	DAX 13930TS OPENH	EUR	27,5600	27,5600	27,5600			27,5600					
Certificate	DE000VA3Z4J1	DAX 13950TS 1218V	EUR	26,0850	26,0850	26,0850			26,0850					
Certificate	DE000VL2FXQ2	DAX 13958TS OPENV	EUR	22,5150	22,5150	22,5150			22,5150					
Certificate	DE000VL37L20	DAX 13960TS OPENV	EUR	25,2450	25,2450	25,2450			25,2450					
Certificate	DE000CE6FCV9	DAX 13992TS OPENZ	EUR	26,3600	26,3600	26,3600			26,3600					
Certificate	DE000CP06NA9	DAX 14000TS 0319C	EUR	26,6600	26,6600	26,6600			26,6600					
Certificate	DE000VA4RNA1	DAX 14000TS 1218V	EUR	26,5850	26,5850	26,5850			26,5850					
Certificate	DE000CV8AF44	DAX 14000TS 1218Z	EUR	26,5700	26,5700	26,5700			26,5700					
Certificate	DE000CY51TV0	DAX 14000TS OPENC	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	DE000CY504C6	DAX 14000TS OPENC	EUR	20,9200	20,9200	20,9200			20,9200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY51NNO	DAX 14000TS OPENC	EUR	22,4900	22,4900	22,4900			22,4900					
Certificate	DE000VL2FXS8	DAX 14008TS OPENV	EUR	23,0050	23,0050	23,0050			23,0050					
Certificate	DE000VL37L38	DAX 14010TS OPENV	EUR	25,7450	25,7450	25,7450			25,7450					
Certificate	NL0012860464	DAX 14011TRSOPENH	EUR	26,5200	26,5200	26,5200			26,5200					
Certificate	DE000CV42PB5	DAX 14041TS OPENZ	EUR	26,8500	26,8500	26,8500			26,8500					
Certificate	DE000VA4RPC2	DAX 14050TS 1218V	EUR	27,0850	27,0850	27,0850			27,0850					
Certificate	DE000VL2FXU4	DAX 14058TS OPENV	EUR	23,4950	23,4950	23,4950			23,4950					
Certificate	DE000VL37L46	DAX 14060TS OPENV	EUR	26,2450	26,2450	26,2450			26,2450					
Certificate	NL0012434377	DAX 14070TS OPENH	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	DE000CV42PC3	DAX 14091TS OPENZ	EUR	27,3500	27,3500	27,3500			27,3500					
Certificate	DE000VA4RPD0	DAX 14100TS 1218V	EUR	27,5850	27,5850	27,5850			27,5850					
Certificate	DE000CY51WU6	DAX 14100TS OPENC	EUR	23,6900	23,6900	23,6900			23,6900					
Certificate	DE000VL2FXV2	DAX 14108TS OPENV	EUR	23,9850	23,9850	23,9850			23,9850					
Certificate	DE000VL37L53	DAX 14110TS OPENV	EUR	26,7350	26,7350	26,7350			26,7350					
Certificate	DE000VA4RPE8	DAX 14150TS 1218V	EUR	28,0850	28,0850	28,0850			28,0850					
Certificate	DE000VL2FXH8	DAX 14158TS OPENV	EUR	24,4650	24,4650	24,4650			24,4650					
Certificate	DE000VL37L61	DAX 14160TS OPENV	EUR	27,2350	27,2350	27,2350			27,2350					
Certificate	DE000CE6CQ96	DAX 14170TS OPENZ	EUR	29,9150	29,9150	29,9150			29,9150					
Certificate	DE000CE6FCW7	DAX 14191TS OPENZ	EUR	28,3400	28,3400	28,3400			28,3400					
Certificate	DE000VA4YWM3	DAX 14200TS 1218V	EUR	28,5850	28,5850	28,5850			28,5850					
Certificate	DE000CV8AAV9	DAX 14200TS 1218Z	EUR	28,5700	28,5700	28,5700			28,5700					
Certificate	DE000CQ5AY44	DAX 14200TS OPENC	EUR	27,1200	27,1200	27,1200			27,1200					
Certificate	DE000CY16GN7	DAX 14200TS OPENC	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	DE000VL2FXZ3	DAX 14208TS OPENV	EUR	24,9550	24,9550	24,9550			24,9550					
Certificate	DE000VL37L79	DAX 14210TS OPENV	EUR	27,7350	27,7350	27,7350			27,7350					
Certificate	DE000VL37L95	DAX 14260TS OPENV	EUR	28,2350	28,2350	28,2350			28,2350					
Certificate	DE000CV88WG3	DAX 14295TS OPENZ	EUR	29,3800	29,3800	29,3800			29,3800					
Certificate	DE000CJ3P4H8	DAX 14300TS 0319Z	EUR	29,6700	29,6700	29,6700			29,6700					
Certificate	NL0012213359	DAX 14300TS OPENH	EUR	31,2700	31,2700	31,2700			31,2700					
Certificate	DE000VL37MA5	DAX 14310TS OPENV	EUR	28,7250	28,7250	28,7250			28,7250					
Certificate	NL0012904809	DAX 14316TRSOPENH	EUR	29,5800	29,5800	29,5800			29,5800					
Certificate	DE000VL37MC1	DAX 14360TS OPENV	EUR	29,2250	29,2250	29,2250			29,2250					
Certificate	NL0011229380	DAX 14380TS OPENH	EUR	32,1400	32,1400	32,1400			32,1400					
Certificate	DE000CV87MS1	DAX 14392TS OPENZ	EUR	30,3500	30,3500	30,3500			30,3500					
Certificate	DE000CY51TW8	DAX 14400TS OPENC	EUR	25,2500	25,2500	25,2500			25,2500					
Certificate	DE000CY50MS3	DAX 14400TS OPENC	EUR	25,2100	25,2100	25,2100			25,2100					
Certificate	DE000CY52GM4	DAX 14400TS OPENC	EUR	27,2300	27,2300	27,2300			27,2300					
Certificate	DE000CY16GP2	DAX 14400TS OPENC	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	DE000VL61GZ4	DAX 14410TS OPENV	EUR	30,4450	30,4450	30,4450			30,4450					
Certificate	DE000VL37MD9	DAX 14410TS OPENV	EUR	29,7250	29,7250	29,7250			29,7250					
Certificate	DE000CE6CTJ5	DAX 14420TS OPENZ	EUR	32,4150	32,4150	32,4150			32,4150					
Certificate	NL0012559215	DAX 14490TS OPENH	EUR	33,2800	33,2800	33,2800			33,2800					
Certificate	DE000CV890F5	DAX 14495TS OPENZ	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	DE000CP06NB7	DAX 14500TS 0319C	EUR	31,6500	31,6500	31,6500			31,6500					
Certificate	DE000CY508Y1	DAX 14500TS OPENC	EUR	25,9000	25,9000	25,9000			25,9000					
Certificate	NL0012241756	DAX 14550TS OPENH	EUR	33,7900	33,7900	33,7900			33,7900					
Certificate	DE000CE6FCX5	DAX 14588TS OPENZ	EUR	32,3100	32,3100	32,3100			32,3100					
Certificate	DE000CV8AAW7	DAX 14600TS 1218Z	EUR	32,5700	32,5700	32,5700			32,5700					
Certificate	DE000CY51VV4	DAX 14600TS OPENC	EUR	28,5600	28,5600	28,5600			28,5600					
Certificate	DE000CY52FA1	DAX 14600TS OPENC	EUR	27,8200	27,8200	27,8200			27,8200					
Certificate	DE000CY16GQ0	DAX 14600TS OPENC	EUR	24,1800	24,1800	24,1800			24,1800					
Certificate	NL0012606446	DAX 14628TRSOPENH	EUR	32,7000	32,7000	32,7000			32,7000					
Certificate	NL0012679039	DAX 14640TS OPENB	EUR	37,2350	37,2350	37,2350			37,2350					
Certificate	DE000CE6CTK3	DAX 14660TS OPENZ	EUR	34,8950	34,8950	34,8950			34,8950					
Certificate	NL0012198105	DAX 14684TRSOPENH	EUR	33,2600	33,2600	33,2600			33,2600					
Certificate	NL0012903827	DAX 14710TS OPENH	EUR	35,4400	35,4400	35,4400			35,4400					
Certificate	DE000CV88EZ1	DAX 14789TS OPENZ	EUR	34,3200	34,3200	34,3200			34,3200					
Certificate	DE000CY16PJ6	DAX 14800TS OPENC	EUR	26,3300	26,3300	26,3300			26,3300					
Certificate	DE000CQ5AY51	DAX 14800TS OPENC	EUR	33,0700	33,0700	33,0700			33,0700					
Certificate	DE000CY51G67	DAX 14800TS OPENC	EUR	28,6900	28,6900	28,6900			28,6900					
Certificate	DE000CY51WW2	DAX 14800TS OPENC	EUR	30,5100	30,5100	30,5100			30,5100					
Certificate	DE000CE6DLS1	DAX 14910TS OPENZ	EUR	37,3850	37,3850	37,3850			37,3850					
Certificate	NL0012198808	DAX 14960TS OPENH	EUR	38,0400	38,0400	38,0400			38,0400					
Certificate	DE000CV4YQP6	DAX 14988TS OPENZ	EUR	36,3100	36,3100	36,3100			36,3100					
Certificate	DE000CP06NC5	DAX 15000TS 0319C	EUR	36,6500	36,6500	36,6500			36,6500					
Certificate	DE000CV8AAX5	DAX 15000TS 1218Z	EUR	36,5700	36,5700	36,5700			36,5700					
Certificate	DE000CY501S8	DAX 15000TS OPENC	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	NL0011047741	DAX 15120TS OPENH	EUR	39,6300	39,6300	39,6300			39,6300					
Certificate	DE000CE6FOF0	DAX 15150TS OPENZ	EUR	39,8750	39,8750	39,8750			39,8750					
Certificate	DE000CV88QJ9	DAX 15194TS OPENZ	EUR	38,3700	38,3700	38,3700			38,3700					
Certificate	DE000CY52FB9	DAX 15200TS OPENC	EUR	33,6300	33,6300	33,6300			33,6300					
Certificate	DE000CY50LS5	DAX 15200TS OPENC	EUR	31,5200	31,5200	31,5200			31,5200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV52061	DAX 15200TS OPENC	EUR	34,4500	34,4500	34,4500			34,4500					
Certificate	NL0012530117	DAX 15265TRSOPENH	EUR	39,0700	39,0700	39,0700			39,0700					
Certificate	DE000CV4YQN1	DAX 15387TS OPENZ	EUR	40,3000	40,3000	40,3000			40,3000					
Certificate	DE000CV8AAY3	DAX 15400TS 1218Z	EUR	40,5700	40,5700	40,5700			40,5700					
Certificate	DE000CE6FAP5	DAX 15400TS OPENZ	EUR	42,4050	42,4050	42,4050			42,4050					
Certificate	NL0012548036	DAX 15450TS OPENH	EUR	42,9700	42,9700	42,9700			42,9700					
Certificate	NL0011048210	DAX 15457TRSOPENH	EUR	40,9900	40,9900	40,9900			40,9900					
Certificate	DE000CV890A6	DAX 15588TS OPENZ	EUR	42,3200	42,3200	42,3200			42,3200					
Certificate	DE000CV51Y99	DAX 15600TS OPENC	EUR	36,8800	36,8800	36,8800			36,8800					
Certificate	DE000CE6FEG6	DAX 15650TS OPENZ	EUR	44,8950	44,8950	44,8950			44,8950					
Certificate	NL0012535934	DAX 15700TS OPENH	EUR	45,5100	45,5100	45,5100			45,5100					
Certificate	DE000CV87MT9	DAX 15787TS OPENZ	EUR	44,3000	44,3000	44,3000			44,3000					
Certificate	DE000CV8AE78	DAX 15800TS 1218Z	EUR	44,5700	44,5700	44,5700			44,5700					
Certificate	NL0011229372	DAX 15870TS OPENH	EUR	47,2200	47,2200	47,2200			47,2200					
Certificate	DE000CV4ZNE4	DAX 15900TS OPENZ	EUR	47,4250	47,4250	47,4250			47,4250					
Certificate	DE000CC8AFR9	DAX 16000TS OPENC	EUR	30,1500	30,1500	30,1500			30,1500					
Certificate	DE000CV88LA9	DAX 16190TS OPENZ	EUR	48,3300	48,3300	48,3300			48,3300					
Certificate	DE000CV88TM7	DAX 16593TS OPENZ	EUR	52,3600	52,3600	52,3600			52,3600					
Certificate	NL0011047733	DAX 16610TS OPENH	EUR	54,7400	54,7400	54,7400			54,7400					
Certificate	DE000CV88N43	DAX 16880TS OPENZ	EUR	57,3650	57,3650	57,3650			57,3650					
Certificate	NL0011229364	DAX 18110TS OPENH	EUR	69,9800	69,9800	69,9800			69,9800					
Certificate	DE000VN53Y97	DAX10 LEVOPENV	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	DE000VL51225	DAX10 LEVOPENV	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000VN53ZA0	DAX10 SHROPENV	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	FR0013123734	DAX3S SHROPENS	EUR											
Certificate	DE000CE6BUIK3	DAXIF LEVOPENZ	EUR	9,3850	9,3850	9,3850			9,3850					
Certificate	DE000CE6BUM9	DAXIF LEVOPENZ	EUR	1,1430	1,1430	1,1430			1,1430					
Certificate	DE000CE6BUL1	DAXIF LEVOPENZ	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	DE000CE6BUN7	DAXIF SHROPENZ	EUR	7,4150	7,4150	7,4150			7,4150					
Certificate	DE000CE6BUP2	DAXIF SHROPENZ	EUR	2,3680	2,3680	2,3680			2,3680					
Certificate	DE000DB0XJ17	DB CROCI	EUR											
Certificate	DE000DB6GZA4	DB CROCI SECTOR	EUR											
Certificate	XS0210953039	DB DJ INDEX 6%35	EUR											
Certificate	DE000CQ5A2J8	DBANK 14TS OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CQ5A2K6	DBANK 16TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0012923395	DBANK 6.5TL OPENH	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	NL0012923387	DBANK 7.3TL OPENH	EUR	0,2100	0,2100	0,2000			0,2000					
Certificate	NL0013018674	DBANK 7.7TL OPENB	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012923379	DBANK 7.7TL OPENH	EUR	0,1800	0,1800	0,1700			0,1700					
Certificate	NL0012975494	DBANK 7.9TL OPENB	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013185994	DBANK 8.4TL OPENH	EUR	0,1100	0,1100	0,1000			0,1000					
Certificate	NL0013184674	DBANK 8.5TS OPENH	EUR											
Certificate	NL0013181704	DBANK 8.8TS OPENH	EUR	0,1100	0,1200	0,1100			0,1200					
Certificate	NL0013132889	DBANK 9.2TS OPENH	EUR	0,1500	0,1600	0,1500			0,1600					
Certificate	NL0013017262	DBANK 9.7TS OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013125610	DBANK 9.8TS OPENH	EUR	0,2300	0,2400	0,2300			0,2400					
Certificate	DE000CJ3PLE7	DBANK 10.1TS OPENZ	EUR	0,1450	0,1550	0,1450			0,1550					
Certificate	NL0012938096	DBANK 10.7TS OPENH	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	NL0012990204	DBANK 10.8TS OPENB	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012934640	DBANK 11.7TS OPENH	EUR	0,4300	0,4400	0,4300			0,4400					
Certificate	NL0012776777	DBANK 12.1TS OPENB	EUR	4,5100	4,5100	4,5000	135,3000	1	4,5100	30				
Certificate	NL0012934632	DBANK 12.2TS OPENH	EUR	0,4800	0,4900	0,4800			0,4900					
Certificate	NL0012774509	DBANK 12.8BS OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012683262	DBANK 14.8TS OPENB	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0011518378	DBANK 22.1TS OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0010897427	DBANK 26.9TS OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0011231162	DBANK 27.1TS OPENH	EUR	2,3900	2,4100	2,3900			2,4100					
Certificate	NL0012792691	DBANK 7.25BL OPENB	EUR	1,5900	1,5900	1,4400	16500,0000	3	1,4400	10500				
Certificate	NL0013158017	DBANK 8.25BL OPENB	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012988513	DBANK10.82BS OPENB	EUR	2,3300	2,3600	2,3200	1048,5000	1	2,3600	450				
Certificate	DE000CV8AXJ6	DBANK11.09TS OPENZ	EUR	0,2450	0,2550	0,2450			0,2550					
Certificate	DE000CV883M6	DBANK12.09TS OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CV501A9	DBANK14.08TS OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0012681910	DBANK14.75BS OPENB	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CR9RQH2	DBANK24.98TS OPENZ	EUR	1,6250	1,6350	1,6250			1,6350					
Certificate	DE000CF80LW3	DBANK27.34TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013155252	DBANK5.238BL OPENB	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CV89P57	DBANK5.597TL OPENZ	EUR	0,3150	0,3150	0,3050			0,3050					
Certificate	NL0012975171	DBANK6.239BL OPENB	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CD634D4	DBANK6.606TL OPENZ	EUR	0,2150	0,2150	0,2050			0,2050					
Certificate	DE000CJ3PPL3	DBANK7.092TL OPENZ	EUR	0,1650	0,1650	0,1550			0,1550					
Certificate	DE000CD620K8	DBANK7.692TL OPENZ	EUR	0,1050	0,1050	0,0950			0,0950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013155443	DBANK8.824BS OPENB	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000C3QE47	DBANK9.104TS OPENZ	EUR	0,4450	0,5350	0,4450			0,5350					
Certificate	DE000CR6X678	DEUTS 63.3TL OPENZ	EUR	5,0600	5,0800	5,0600			5,0800					
Certificate	DE000CV87QP8	DEUTS103.8TL OPENZ	EUR	1,0350	1,0550	1,0350			1,0550					
Certificate	NL0011055116	DEUTS65.16TL OPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CR6XYF4	DEUTS68.96TL OPENZ	EUR	4,4950	4,5250	4,4950			4,5250					
Certificate	DE000CE6C8P5	DEUTS76.89TL OPENZ	EUR	3,7050	3,7250	3,7050			3,7250					
Certificate	DE000CE6CKZ0	DEUTS84.84TL OPENZ	EUR	2,9050	2,9350	2,9050			2,9350					
Certificate	DE000CV4Z076	DEUTS93.79TL OPENZ	EUR	2,0150	2,0450	2,0150			2,0450					
Certificate	DE000CR9SFM3	DIAGE17.15TL OPENZ	EUR	2,6450	2,6450	2,6000			2,6000					
Certificate	DE000CD61VG0	DIAGE19.17TL OPENZ	EUR	2,1550	2,1550	2,1200			2,1200					
Certificate	DE000CE6E4Q0	DIAGE22.69TL OPENZ	EUR	1,3650	1,3650	1,3300			1,3300					
Certificate	DE000CV89DJ5	DIETN21.66TL OPENZ	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CN6FS43	DIETN23.86TL OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CN6K6V8	DIETN26.48TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0013016413	DIETN28.71BL OPENB	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CN6K6W6	DIETN29.12TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0013008675	DIETN30.72BL OPENB	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CV88RC2	DIETN32.26TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013002116	DIETN32.72BL OPENB	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000C3PZJ6	DIETN34.76TL OPENZ	EUR											
Certificate	NL0013006265	DIETN38.65BS OPENB	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CD615E1	DIETN42.05TS OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012993000	DIETN42.63BS OPENB	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0013009210	DJAUT 380TL OPENB	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	NL0012989891	DJAUT 420TL OPENB	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0012974513	DJAUT 459TL OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013155815	DJAUT 497TS OPENB	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0013007826	DJAUT 537TS OPENB	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0012975486	DJAUT 577TS OPENB	EUR	12,6800	12,6800	12,6800			12,6800					
Certificate	DE000CN6HK49	DJAUT369.5TL OPENZ	EUR	11,4500	11,4500	11,3500			11,3500					
Certificate	DE000CN6H4X4	DJAUT409.5TL OPENZ	EUR	7,4700	7,4700	7,1200	2136,0000	1	7,3700	300				
Certificate	DE000CV8BD60	DJAUT445.2TL OPENZ	EUR	3,9600	3,9600	3,8600			3,8600					
Certificate	DE000CV8B2Z0	DJAUT578.6TS OPENZ	EUR	9,6700	9,7700	9,6700			9,7700					
Certificate	DE000CE6CH30	DJAUT678.8TS OPENZ	EUR	19,6800	19,7900	19,6800			19,7900					
Certificate	DE0006075427	DJBKS PI OPENN	EUR	16,0100	16,0100	16,0100			16,0100					
Certificate	NL0012249429	DJBKS STN1022V	EUR											
Certificate	NL0012248447	DJBKS STN1022V	EUR											
Certificate	NL0011637012	DJBKS 76TL OPENB	EUR	7,2950	7,2950	7,2950			7,2950					
Certificate	NL0010133799	DJBKS 96TL OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	NL0013016827	DJBKS 117TL OPENB	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	NL0013145642	DJBKS 137TL OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0013015316	DJBKS 150TS OPENB	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0011089156	DJBKS 190TS OPENB	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	NL0006280695	DJBKS 208TS OPENB	EUR	6,9350	6,9350	6,9350			6,9350					
Certificate	DE000CN6J9E1	DJBKS105.7TL OPENZ	EUR	4,0650	4,0650	4,0300			4,0300					
Certificate	DE000CD63CJ0	DJBKS124.7TL OPENZ	EUR	2,1650	2,1650	2,1400			2,1400					
Certificate	DE000CJ3PLW9	DJBKS134.3TL OPENZ	EUR	1,2250	1,2250	1,1900			1,1900					
Certificate	DE000CV8B748	DJBKS169.1TS OPENZ	EUR	2,3250	2,3600	2,3250			2,3600					
Certificate	DE000CV8B3C7	DJBKS188.7TS OPENZ	EUR	4,2850	4,3200	4,2850			4,3200					
Certificate	DE000CE6C535	DJBKS208.5TS OPENZ	EUR	6,2700	6,3100	6,2700			6,3100					
Certificate	DE0006075310	DJCHM PI OPENN	EUR	82,9800	82,9800	82,9800			82,9800					
Certificate	NL0011535422	DJCHM 584TL OPENB	EUR	27,5450	27,5450	27,5450			27,5450					
Certificate	NL0010900726	DJCHM 626TL OPENB	EUR	23,5350	23,5350	23,5350			23,5350					
Certificate	NL0013156359	DJCHM 746TL OPENB	EUR	12,0550	12,0550	12,0550			12,0550					
Certificate	NL0013156367	DJCHM 786TL OPENB	EUR	8,2450	8,2450	8,2450			8,2450					
Certificate	NL0013156821	DJCHM 877TS OPENB	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	NL0013009582	DJCHM 917TS OPENB	EUR	13,3850	13,3850	13,3850			13,3850					
Certificate	NL0013007818	DJCHM 957TS OPENB	EUR	17,5750	17,5750	17,5750			17,5750					
Certificate	NL0012508444	DJCHM 996TS OPENB	EUR	21,6950	21,6950	21,6950			21,6950					
Certificate	DE000CE6CEL3	DJCHM 1033TS OPENZ	EUR	20,1900	20,2600	20,1900			20,2600					
Certificate	DE000CE6FAJ8	DJCHM 1203TS OPENZ	EUR	37,1200	37,1900	37,1200			37,1900					
Certificate	DE000CV87MV5	DJCHM649.7TL OPENZ	EUR	18,5400	18,5400	18,4700			18,4700					
Certificate	DE000CE6CDA8	DJCHM749.4TL OPENZ	EUR	8,7400	8,7400	8,6700			8,6700					
Certificate	DE000CJ3N757	DJCHM808.8TL OPENZ	EUR	3,0050	3,0050	2,9150			2,9150					
Certificate	DE000CE6CF55	DJEM LEVOPENZ	EUR	16,3000	16,3000	16,3000			16,3000					
Certificate	DE000CE6CFT3	DJEM LEVOPENZ	EUR	12,2000	13,4400	12,0800	2428,0000	2	13,4400	200				
Certificate	DE000CE6CFR7	DJEM LEVOPENZ	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	DE000CE6CFV9	DJEM SHROPENZ	EUR	0,2960	0,2960	0,2960			0,2960					
Certificate	DE000CE6CFU1	DJEM SHROPENZ	EUR	2,2740	2,2740	2,2740			2,2740					
Certificate	DE0006075419	DJFIN PI OPENN	EUR	43,3000	43,3000	43,3000			43,3000					
Certificate	DE000CJ3N4F4	DJFIN306.9TL OPENZ	EUR	14,1900	14,2500	14,1900			14,2500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CDB6	DJFIN377.3TL OPENZ	EUR	7,1600	7,2200	7,1600			7,2200					
Certificate	DE000CJ3QHMG	DJFIN412.1TL OPENZ	EUR	3,7200	3,7800	3,7200			3,7800					
Certificate	DE000CJ3N0Z0	DJFIN526.9TS OPENZ	EUR	7,9800	7,9800	7,9200			7,9200					
Certificate	DE000CE6DNF4	DJFIN596.6TS OPENZ	EUR	14,9500	14,9500	14,8900			14,8900					
Certificate	DE0006075336	DJFOD PI OPENN	EUR	67,4400	67,4400	67,4400			67,4400					
Certificate	DE000CN6JS80	DJFOD493.2TL OPENZ	EUR	16,4700	16,4700	16,2200			16,2200					
Certificate	DE000CN6JSW4	DJFOD552.9TL OPENZ	EUR	10,5100	10,5100	10,2600			10,2600					
Certificate	DE000CV88A14	DJFOD602.9TL OPENZ	EUR	5,5200	5,5200	5,2700			5,2700					
Certificate	DE000CD62CG8	DJFOD723.4TS OPENZ	EUR	6,8000	7,0500	6,8000			7,0500					
Certificate	DE000CE6F455	DJFOD842.8TS OPENZ	EUR	18,7300	18,9800	18,7300			18,9800					
Certificate	DE0006075351	DJGDS PI OPENN	EUR	54,6000	54,6000	54,6000			54,6000					
Certificate	NL0010900841	DJGDS 298TL OPENB	EUR	20,1200	20,1200	20,1200			20,1200					
Certificate	NL0013009228	DJGDS 427TL OPENB	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0012121545	DJGDS 466TL OPENB	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0013011646	DJGDS 518TS OPENB	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012700397	DJGDS 558TS OPENB	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000CN6JS98	DJGDS 315.TL OPENZ	EUR	17,1600	17,1600	17,1050			17,1050					
Certificate	DE000CN6JT06	DJGDS355.2TL OPENZ	EUR	13,1400	13,1400	13,0850			13,0850					
Certificate	DE000CE6BU26	DJGDS414.6TL OPENZ	EUR	7,2200	7,2200	7,1500			7,1500					
Certificate	DE000CJ3N4G2	DJGDS449.2TL OPENZ	EUR	3,7900	3,7900	3,7250			3,7250					
Certificate	DE000CE6C576	DJGDS581.6TS OPENZ	EUR	9,6800	9,7400	9,6800			9,7400					
Certificate	DE000CE6FAL4	DJGDS676.4TS OPENZ	EUR	19,1600	19,2200	19,1600			19,2200					
Certificate	DE0006075344	DJHLT PI OPENN	EUR	67,7800	67,7800	67,7800			67,7800					
Certificate	NL0010001178	DJHLT 282TL OPENB	EUR	47,8950	47,8950	47,8950			47,8950					
Certificate	NL0010437422	DJHLT 448TL OPENB	EUR	32,0450	32,0450	32,0450			32,0450					
Certificate	NL0010606869	DJHLT 511TL OPENB	EUR	26,0200	26,0200	26,0200			26,0200					
Certificate	NL0010900783	DJHLT 541TL OPENB	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	NL0011649934	DJHLT 626TL OPENB	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	NL0012786610	DJHLT 667TL OPENB	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	NL0013147945	DJHLT 706TL OPENB	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012980346	DJHLT 773TS OPENB	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CN6JQG1	DJHLT493.5TL OPENZ	EUR	25,1900	25,4500	25,1900			25,4500					
Certificate	DE000CN6HDC2	DJHLT558.2TL OPENZ	EUR	18,7250	18,9750	18,7250			18,9750					
Certificate	DE000CN6GA75	DJHLT618.7TL OPENZ	EUR	12,6750	12,9350	12,6750			12,9350					
Certificate	DE000CV88AF1	DJHLT668.7TL OPENZ	EUR	7,7000	7,9500	7,7000			7,9500					
Certificate	DE000CN6G8M9	DJHLT824.6TS OPENZ	EUR	8,1800	8,1800	7,9300			7,9300					
Certificate	DE000CE6D1C7	DJHLT965.9TS OPENZ	EUR	22,3200	22,3200	22,0600			22,0600					
Certificate	DE000VN61Y97	DJI LEVOPENV	EUR	5,2800	6,0500	5,2800	158,4000	1	6,0500	30				
Certificate	DE000VN61Y71	DJI LEVOPENV	EUR	24,0100	25,9050	23,9950	360,1500	1	25,9050	15				
Certificate	DE000VN61Y89	DJI LEVOPENV	EUR	21,5300	21,5300	21,5300			21,5300					
Certificate	DE000VA545X0	DJI LEVOPENV	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000VA234Y9	DJI LEVOPENV	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	DE000VA234X1	DJI LEVOPENV	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	DE000VN61ZB1	DJI SHROPNV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VA234Z6	DJI SHROPNV	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000VA545Y8	DJI SHROPNV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VN61ZC9	DJI SHROPNV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN61ZA3	DJI SHROPNV	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0006467516	DJIIND 2280TL OPENB	EUR	202,7300	202,7300	202,7300			202,7300					
Certificate	NL0009175637	DJIIND 6440TL OPENB	EUR	167,1100	167,1100	167,1100			167,1100					
Certificate	NL0009992874	DJIIND10240TL OPENB	EUR	134,5100	134,5100	134,5100			134,5100					
Certificate	NL0010125738	DJIIND11410TL OPENB	EUR	124,4800	124,4800	124,4800			124,4800					
Certificate	DE000CZ7DMV6	DJIIND12272TL OPENZ	EUR	115,3250	115,3250	115,3250			115,3250					
Certificate	NL0010281473	DJIIND12300TL OPENB	EUR	116,8300	116,8300	116,8300			116,8300					
Certificate	DE000C9M2X5	DJIIND12456TL OPENC	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	DE000CN6HSA4	DJIIND13452TL OPENZ	EUR	105,0950	105,0950	105,0950			105,0950					
Certificate	NL0011596911	DJIIND13611TRLOPNH	EUR	102,3900	102,3900	102,3900			102,3900					
Certificate	NL0010288551	DJIIND13780TL OPENB	EUR	104,2200	104,2200	104,2200			104,2200					
Certificate	DE000CX0H732	DJIIND13880TL OPENC	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	DE000CF3APF1	DJIIND13881TL OPENC	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	NL0011412317	DJIIND14280TL OPENH	EUR	98,8000	98,8000	98,8000			98,8000					
Certificate	DE000CX01888	DJIIND14409TL OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CZ7DMZ7	DJIIND14542TL OPENZ	EUR	95,5650	95,5650	95,5650			95,5650					
Certificate	DE000CF505E2	DJIIND14722TL OPENC	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0010519088	DJIIND14760TL OPENB	EUR	95,7800	95,7800	95,7800			95,7800					
Certificate	NL0011595053	DJIIND14930TL OPENH	EUR	93,2400	93,2400	93,2400			93,2400					
Certificate	NL0011038484	DJIIND15040TL OPENH	EUR	92,2600	92,2600	92,2600			92,2600					
Certificate	NL0010519401	DJIIND15050TL OPENB	EUR	93,3100	93,3100	93,3100			93,3100					
Certificate	DE000CZ7DY24	DJIIND15432TL OPENZ	EUR	87,8250	87,8250	87,8250			87,8250					
Certificate	DE000CX0KNT0	DJIIND15434TL OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CX0KP02	DJIIND15490TL OPENC	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	NL0011602941	DJIIND15700TL OPENH	EUR	86,5500	86,5500	86,5500			86,5500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011602917	DJIND15870TL OPENH	EUR	85,1300	85,1300	85,1300			85,1300					
Certificate	DE000CZ7DY32	DJIND15892TL OPENZ	EUR	83,8700	83,8700	83,8700			83,8700					
Certificate	DE000CX00F29	DJIND15955TL OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CR9QGX2	DJIND16206TL OPENZ	EUR	79,6850	79,6850	79,6850			79,6850					
Certificate	NL0011700786	DJIND16420TL OPENH	EUR	80,3800	80,3800	80,3800			80,3800					
Certificate	DE000CX00L22	DJIND16507TL OPENC	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	DE000CX00L11	DJIND16580TL OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000CN6HVJ3	DJIND16759TL OPENZ	EUR	74,8100	74,8100	74,8100			74,8100					
Certificate	NL0011660006	DJIND16870TL OPENB	EUR	77,7000	77,7000	77,7000			77,7000					
Certificate	DE000CN6K768	DJIND16972TL OPENZ	EUR	74,4500	74,4500	74,4500			74,4500					
Certificate	DE000CX00W86	DJIND17006TL OPENC	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0012905996	DJIND17051TRL OPENH	EUR	72,0200	72,0200	72,0200			72,0200					
Certificate	NL0011715982	DJIND17060TL OPENH	EUR	74,8000	74,8000	74,8000			74,8000					
Certificate	DE000CX00WG4	DJIND17080TL OPENC	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000CJ3PM55	DJIND17500TL 1218Z	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CX0KZT4	DJIND17500TL OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0011893300	DJIND17720TL OPENH	EUR	69,1100	69,1100	69,1100			69,1100					
Certificate	NL0011894084	DJIND17820TL OPENH	EUR	68,2200	68,2200	68,2200			68,2200					
Certificate	DE000CN6KCV6	DJIND17846TL OPENZ	EUR	65,2400	65,2400	65,2400			65,2400					
Certificate	DE000CX59LU4	DJIND18000TL OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CD61W37	DJIND18032TL OPENZ	EUR	65,1650	65,1650	65,1650			65,1650					
Certificate	DE000CN6KK28	DJIND18112TL OPENZ	EUR	62,8900	62,8900	62,8900			62,8900					
Certificate	DE000CD61U39	DJIND18377TL OPENZ	EUR	60,5600	60,5600	60,5600			60,5600					
Certificate	NL0011993100	DJIND18460TL OPENH	EUR	62,7100	62,7100	62,7100			62,7100					
Certificate	DE000CX59RP1	DJIND18500TL OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000CD626J7	DJIND18910TL OPENZ	EUR	55,8600	55,8600	55,8600			55,8600					
Certificate	DE000CJ3P758	DJIND19000TL 0319Z	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000CX59Z34	DJIND19000TL OPENC	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000CX59Y68	DJIND19000TL OPENC	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0011997234	DJIND19100TL OPENH	EUR	57,1600	57,1600	57,1600			57,1600					
Certificate	DE000CD63N77	DJIND19102TL OPENZ	EUR	55,9400	55,9400	55,9400			55,9400					
Certificate	NL0011738653	DJIND19120TS OPENH	EUR											
Certificate	NL0012035828	DJIND19134BL OPENB	EUR	53,9200	53,9200	53,9200			53,9200					
Certificate	NL0011737945	DJIND19134TRSOPEH	EUR											
Certificate	NL0011737515	DJIND19134TRSOPEH	EUR											
Certificate	NL0011740071	DJIND19135TRSOPEH	EUR											
Certificate	DE000CD63M94	DJIND19174TL OPENZ	EUR	53,5400	53,5400	53,5400			53,5400					
Certificate	NL0011997739	DJIND19210TL OPENH	EUR	56,2500	56,2500	56,2500			56,2500					
Certificate	NL0012038962	DJIND19330TL OPENB	EUR	56,6200	56,6200	56,6200			56,6200					
Certificate	DE000CV8A8H6	DJIND19500TL 1218Z	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	DE000CQ5BLV1	DJIND19500TL OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CY0AV53	DJIND19500TL OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CY50PC0	DJIND19500TL OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY0ASU7	DJIND19500TL OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CX018A2	DJIND19555TS OPENC	EUR											
Certificate	NL0012050306	DJIND19580TL OPENH	EUR	52,9800	52,9800	52,9800			52,9800					
Certificate	DE000CD63MB6	DJIND19699TL OPENZ	EUR	48,9000	48,9000	48,9000			48,9000					
Certificate	NL0012050272	DJIND19750TL OPENH	EUR	51,6000	51,6000	51,6000			51,6000					
Certificate	NL0012051262	DJIND19850TL OPENH	EUR	50,7100	50,7100	50,7100			50,7100					
Certificate	NL0012849954	DJIND19915TRL OPENH	EUR	46,7300	46,7300	46,7300			46,7300					
Certificate	DE000CY16BG2	DJIND20000TL OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CY0AZX6	DJIND20000TL OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CQ5AXF7	DJIND20000TL OPENC	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012052096	DJIND20010TL OPENH	EUR	49,3300	49,3300	49,3300			49,3300					
Certificate	DE000CD644H4	DJIND20152TL OPENZ	EUR	46,7700	46,7700	46,7700			46,7700					
Certificate	NL0013185630	DJIND20193TRL OPENH	EUR	44,3000	44,3000	44,3000			44,3000					
Certificate	DE000CD63ZV6	DJIND20220TL OPENZ	EUR	41,9500	44,3100	41,9500	1258,5000	1	44,3100	30				
Certificate	NL0013082233	DJIND20403TRL OPENH	EUR	42,5300	42,5300	42,5300			42,5300					
Certificate	DE000CD64177	DJIND20473TL OPENZ	EUR	42,0800	42,0800	42,0800			42,0800					
Certificate	DE000CY16TV3	DJIND20500TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CY501M1	DJIND20500TL OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CE6BKJ6	DJIND20579TL OPENZ	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0012180657	DJIND20723TRL OPENH	EUR	36,8500	39,6300	36,8500	18425,0000	4	39,6300	500				
Certificate	DE000CD643P9	DJIND20732TL OPENZ	EUR	39,8000	39,8000	39,8000			39,8000					
Certificate	NL0013082225	DJIND20956TRL OPENH	EUR	37,5600	37,5600	37,5600			37,5600					
Certificate	DE000CE6BHN4	DJIND20987TL OPENZ	EUR	37,5650	37,5650	37,5650			37,5650					
Certificate	DE000CJ3P954	DJIND21000TL 0319Z	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000CY50GJ4	DJIND21000TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CY50HA1	DJIND21000TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0012564249	DJIND21030TL OPENH	EUR	40,4700	40,4700	40,4700			40,4700					
Certificate	NL0013080765	DJIND21116TRL OPENH	EUR	36,1300	36,1300	36,1300			36,1300					
Certificate	DE000CE6CQ88	DJIND21192TL OPENZ	EUR	37,6900	37,6900	37,6900			37,6900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012272397	DJIND21230TL OPENB	EUR	40,3200	40,3200	40,3200			40,3200					
Certificate	NL0013082217	DJIND21308TRLOPENH	EUR	34,5500	34,5500	34,5500			34,5500					
Certificate	DE000CE6BQ63	DJIND21462TL OPENZ	EUR	3,3350	3,3350	3,3350				3,3350				
Certificate	NL0012308720	DJIND21475TRLOPENH	EUR	32,9900	32,9900	32,9900				32,9900				
Certificate	DE000VA3ZU86	DJIND21500TL 1218V	EUR	3,2750	3,2750	3,2750				3,2750				
Certificate	DE000CJ3NUU9	DJIND21500TL 1218Z	EUR	3,2850	3,2850	3,2850				3,2850				
Certificate	DE000CY50T89	DJIND21500TL OPENC	EUR	3,0700	3,0700	3,0700				3,0700				
Certificate	DE000CY50S50	DJIND21500TL OPENC	EUR	2,7900	2,7900	2,7900				2,7900				
Certificate	DE000VL8XEL3	DJIND21563TL OPENV	EUR	29,8100	29,8100	29,8100				29,8100				
Certificate	NL0012314264	DJIND21686TRLOPENH	EUR	31,1400	31,1400	31,1400				31,1400				
Certificate	DE000CE6DGS1	DJIND21709TL OPENZ	EUR	3,1150	3,1150	3,1150				3,1150				
Certificate	DE000VA3ZVA9	DJIND21750TL 1218V	EUR	3,0550	3,0550	3,0550				3,0550				
Certificate	DE000VL8XEM1	DJIND21813TL OPENV	EUR	27,5400	27,5400	27,5400				27,5400				
Certificate	NL0012555239	DJIND21890TL OPENH	EUR	33,0200	33,0200	33,0200				33,0200				
Certificate	NL0012368252	DJIND21901TRLOPENH	EUR	29,2400	29,2400	29,2400				29,2400				
Certificate	NL0012520084	DJIND21926TRLOPENH	EUR											
Certificate	NL0012520076	DJIND21936TRLOPENH	EUR											
Certificate	NL0012520068	DJIND21946TRLOPENH	EUR											
Certificate	NL0012520050	DJIND21956TRLOPENH	EUR											
Certificate	NL0012494363	DJIND21960TL OPENB	EUR	34,0600	34,0600	34,0600				34,0600				
Certificate	DE000CE6DLG6	DJIND21971TL OPENZ	EUR	2,8950	2,8950	2,8950				2,8950				
Certificate	NL0012281661	DJIND21988BL OPENB	EUR	28,9400	28,9400	28,9400				28,9400				
Certificate	NL0013185622	DJIND21994TRLOPENH	EUR	28,4300	28,4300	28,4300				28,4300				
Certificate	DE000CJ3QHY1	DJIND22000TL 0319Z	EUR	2,8550	2,8550	2,8550				2,8550				
Certificate	DE000VA3ZVC5	DJIND22000TL 1218V	EUR	2,8350	2,8350	2,8350				2,8350				
Certificate	DE000CY51NC3	DJIND22000TL OPENC	EUR	2,6400	2,6400	2,6400				2,6400				
Certificate	DE000CY51LD5	DJIND22000TL OPENC	EUR	2,3600	2,3600	2,3600				2,3600				
Certificate	DE000VL8XEN9	DJIND22063TL OPENV	EUR	25,2700	25,2700	25,2700				25,2700				
Certificate	NL0013082209	DJIND22063TRLOPENH	EUR	27,9000	27,9000	27,9000				27,9000				
Certificate	NL0013127756	DJIND22123TRLOPENH	EUR	27,2800	27,2800	27,2800				27,2800				
Certificate	NL0012495444	DJIND22170TL OPENB	EUR	32,2600	32,2600	32,2600				32,2600				
Certificate	NL0013127749	DJIND22173TRLOPENH	EUR	26,9300	26,9300	26,9300				26,9300				
Certificate	DE000CE6EOH7	DJIND22224TL OPENZ	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	DE000CE6E697	DJIND22242TL OPENZ	EUR	28,6050	28,6050	28,6050				28,6050				
Certificate	NL0012905988	DJIND22244TRLOPENH	EUR	26,2400	26,2400	26,2400				26,2400				
Certificate	DE000VA8F1L2	DJIND22250TL 0319V	EUR	2,6250	2,6250	2,6250				2,6250				
Certificate	DE000VA3ZVE1	DJIND22250TL 1218V	EUR	2,6150	2,6150	2,6150				2,6150				
Certificate	DE000VL8XEP4	DJIND22313TL OPENV	EUR	23,0000	23,0000	23,0000				23,0000				
Certificate	NL0013125065	DJIND22342TRLOPENH	EUR	25,3900	25,3900	25,3900				25,3900				
Certificate	NL0013082795	DJIND22412TRLOPENH	EUR	24,8600	24,8600	24,8600				24,8600				
Certificate	DE000CE6ES92	DJIND22476TL OPENZ	EUR	2,4450	2,4450	2,4450				2,4450				
Certificate	NL0013125057	DJIND22493TRLOPENH	EUR	24,0300	24,0300	24,0300				24,0300				
Certificate	DE000VA71U94	DJIND22500TL 0319V	EUR	2,4050	2,4050	2,4050				2,4050				
Certificate	DE000VA3ZVF8	DJIND22500TL 1218V	EUR	2,3950	2,3950	2,3950				2,3950				
Certificate	DE000CJ3PMT3	DJIND22500TL 1218Z	EUR	2,4050	2,4050	2,4050				2,4050				
Certificate	DE000CY51W26	DJIND22500TL OPENC	EUR	1,9200	1,9200	1,9200				1,9200				
Certificate	DE000CY51WL5	DJIND22500TL OPENC	EUR	2,2000	2,2000	2,2000				2,2000				
Certificate	NL0012555205	DJIND22510TL OPENH	EUR	27,6900	27,6900	27,6900				27,6900				
Certificate	NL0012498834	DJIND22560TL OPENB	EUR	28,9000	28,9000	28,9000				28,9000				
Certificate	DE000VL8XEQ2	DJIND22563TL OPENV	EUR	20,7400	20,7400	20,7400				20,7400				
Certificate	NL0012519573	DJIND22567TRLOPENH	EUR	23,3500	23,3500	23,3500				23,3500				
Certificate	NL0012519862	DJIND22586TRLOPENH	EUR	23,1900	23,1900	23,1900				23,1900				
Certificate	NL0013125040	DJIND22643TRLOPENH	EUR	22,7000	22,7000	22,7000				22,7000				
Certificate	NL0013125032	DJIND22694TRLOPENH	EUR	22,2400	22,2400	22,2400				22,2400				
Certificate	DE000CE6ETX2	DJIND22723TL OPENZ	EUR	2,2250	2,2250	2,2250				2,2250				
Certificate	NL0013125024	DJIND22744TRLOPENH	EUR	21,8000	21,8000	21,8000				21,8000				
Certificate	DE000VA71MY7	DJIND22750TL 0319V	EUR	2,1950	2,1950	2,1950				2,1950				
Certificate	DE000VA3ZVH4	DJIND22750TL 1218V	EUR	2,1650	2,1650	2,1650				2,1650				
Certificate	NL0012905970	DJIND22798TRLOPENH	EUR	21,3400	21,3400	21,3400				21,3400				
Certificate	NL0012501423	DJIND22820BL OPENB	EUR	20,3450	21,6100	20,3300	2745,0000	2		21,6100	130			
Certificate	DE000VL61TS2	DJIND22831TL OPENV	EUR	18,5500	18,5500	18,5500				18,5500				
Certificate	NL0013130743	DJIND22857TRLOPENH	EUR	20,8300	20,8300	20,8300				20,8300				
Certificate	NL0013083355	DJIND22911TRLOPENH	EUR	20,3300	20,3300	20,3300				20,3300				
Certificate	NL0012555189	DJIND22930TL OPENH	EUR	24,1200	24,1200	24,1200				24,1200				
Certificate	NL0013082787	DJIND22966TRLOPENH	EUR	19,8600	19,8600	19,8600				19,8600				
Certificate	DE000CE6F066	DJIND22979TL OPENZ	EUR	2,0050	2,0050	2,0050				2,0050				
Certificate	NL0012502405	DJIND22990TL OPENB	EUR	25,2500	25,2500	25,2500				25,2500				
Certificate	DE000VA71M37	DJIND23000TL 0319V	EUR	1,9750	1,9750	1,9750				1,9750				
Certificate	DE000CJ3P7T6	DJIND23000TL 0319Z	EUR	1,9850	1,9850	1,9850				1,9850				
Certificate	DE000VA3ZVL6	DJIND23000TL 1218V	EUR	1,9450	1,9450	1,9450				1,9450				
Certificate	DE000CY52038	DJIND23000TL OPENC	EUR	1,7500	1,7500	1,7500				1,7500				
Certificate	DE000CY51Y65	DJIND23000TL OPENC	EUR	1,2300	1,4600	1,2300	184,5000	1		1,4600	150			



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012860860	DJIND23020TL OPENH	EUR	23,2700	23,2700	23,2700			23,2700					
Certificate	LU1840977703	DJIND23030TCIOPENS	EUR	18,3800	18,3800	18,3800			18,3800					
Certificate	NL0013087562	DJIND23049TRLOPENH	EUR	19,1500	19,1500	19,1500			19,1500					
Certificate	DE000VL8XH95	DJIND23065TL OPENV	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	NL0012535405	DJIND23101TRLOPENH	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	NL0013185614	DJIND23114TRLOPENH	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	NL0013185606	DJIND23134TRLOPENH	EUR	18,4000	18,4000	18,4000			18,4000					
Certificate	NL0013083348	DJIND23163TRLOPENH	EUR	18,1300	18,1300	18,1300			18,1300					
Certificate	NL0013185598	DJIND23214TRLOPENH	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	DE000CE6F1K8	DJIND23226TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0013185580	DJIND23234TRLOPENH	EUR	17,4900	17,4900	17,4900			17,4900					
Certificate	NL0012777627	DJIND23239BL OPENB	EUR	15,2000	17,9200	15,2000	304,0000	1	17,9200	20				
Certificate	NL0012535306	DJIND23248TRLOPENH	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	DE000VA71M86	DJIND23250TL 0319V	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000VA3ZVM4	DJIND23250TL 1218V	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CE6F4Y3	DJIND23272TL OPENZ	EUR	19,5650	19,5650	19,5650			19,5650					
Certificate	NL0012535272	DJIND23279TRLOPENH	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0012269658	DJIND23300BOC1218B	EUR	206,1000	206,1000	206,1000			206,1000					
Certificate	NL0013127731	DJIND23307TRLOPENH	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	NL0013184203	DJIND23334TRLOPENH	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	NL0012543581	DJIND23347TRLOPENH	EUR											
Certificate	DE000VL97RH3	DJIND23353TL OPENV	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0012543573	DJIND23358TRLOPENH	EUR											
Certificate	NL0013083330	DJIND23364TRLOPENH	EUR	16,4000	16,4000	16,4000			16,4000					
Certificate	NL0012543565	DJIND23368TRLOPENH	EUR											
Certificate	NL0012543557	DJIND23378TRLOPENH	EUR											
Certificate	NL0012543540	DJIND23388TRLOPENH	EUR											
Certificate	NL0013184195	DJIND23394TRLOPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0012543532	DJIND23398TRLOPENH	EUR											
Certificate	NL0012573315	DJIND23400TL OPENH	EUR											
Certificate	NL0012543524	DJIND23408TRLOPENH	EUR											
Certificate	NL0012543516	DJIND23418TRLOPENH	EUR											
Certificate	NL0012543508	DJIND23429TRLOPENH	EUR											
Certificate	NL0012610711	DJIND23430TRLOPENH	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	NL0012573091	DJIND23444TRLOPENH	EUR											
Certificate	NL0012511711	DJIND23449BL OPENB	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0012573083	DJIND23454TRLOPENH	EUR											
Certificate	NL0012607428	DJIND23460TL OPENH	EUR	19,5300	19,5300	19,5300			19,5300					
Certificate	NL0012573075	DJIND23464TRLOPENH	EUR											
Certificate	NL0013125016	DJIND23467TRLOPENH	EUR	15,4700	15,4700	15,4700			15,4700					
Certificate	NL0012573067	DJIND23474TRLOPENH	EUR											
Certificate	DE000CE6F4T3	DJIND23483TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0012573059	DJIND23485TRLOPENH	EUR											
Certificate	NL0013125008	DJIND23487TRLOPENH	EUR	15,3000	15,3000	15,3000			15,3000					
Certificate	NL0012573042	DJIND23495TRLOPENH	EUR											
Certificate	LU1859828235	DJIND23500TCIOPENS	EUR	14,6100	14,6100	14,6100			14,6100					
Certificate	DE000VA7TB83	DJIND23500TL 0319V	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000VA3ZVP7	DJIND23500TL 1218V	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CV8AC21	DJIND23500TL 1218Z	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CQ5AXG5	DJIND23500TL OPENC	EUR	0,9300	1,1700	0,9200	232,5000	1	1,1700	250				
Certificate	DE000CQ5AXT8	DJIND23500TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012573307	DJIND23500TL OPENH	EUR											
Certificate	NL0012573034	DJIND23505TRLOPENH	EUR											
Certificate	NL0012520043	DJIND23506TRSOPEH	EUR											
Certificate	NL0013085798	DJIND23508TRLOPENH	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	NL0012573026	DJIND23515TRLOPENH	EUR											
Certificate	NL0012520035	DJIND23516TRSOPEH	EUR											
Certificate	NL0012573018	DJIND23525TRLOPENH	EUR											
Certificate	NL0012520027	DJIND23526TRSOPEH	EUR											
Certificate	NL0012599575	DJIND23533TRLOPENH	EUR											
Certificate	NL0013184187	DJIND23534TRLOPENH	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	NL0012599567	DJIND23543TRLOPENH	EUR											
Certificate	NL0012599559	DJIND23553TRLOPENH	EUR											
Certificate	NL0013184179	DJIND23554TRLOPENH	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0012611180	DJIND23560TRLOPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0012599542	DJIND23563TRLOPENH	EUR											
Certificate	NL0012599534	DJIND23573TRLOPENH	EUR											
Certificate	NL0012599526	DJIND23583TRLOPENH	EUR											
Certificate	NL0013124993	DJIND23588TRLOPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	NL0012599518	DJIND23593TRLOPENH	EUR											
Certificate	NL0012599740	DJIND23600TL OPENH	EUR											
Certificate	NL0012599500	DJIND23603TRLOPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012599492	DJIND23613TRLOPENH	EUR											
Certificate	NL0013083322	DJIND23616TRLOPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0012512859	DJIND23620TL OPENB	EUR	19,8100	19,8100	19,8100			19,8100					
Certificate	NL0012599484	DJIND23623TRLOPENH	EUR											
Certificate	NL0012599476	DJIND23633TRLOPENH	EUR											
Certificate	NL0013185572	DJIND23634TRLOPENH	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	NL0012599468	DJIND23643TRLOPENH	EUR											
Certificate	NL0013185101	DJIND23645TRLOPENH	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	NL0013124985	DJIND23648TRLOPENH	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0012599450	DJIND23653TRLOPENH	EUR											
Certificate	NL0012599443	DJIND23663TRLOPENH	EUR											
Certificate	DE000VA12CP1	DJIND23664TL OPENV	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	NL0013124977	DJIND23668TRLOPENH	EUR	13,7200	13,7200	13,7200			13,7200					
Certificate	NL0012599435	DJIND23673TRLOPENH	EUR											
Certificate	NL0012599427	DJIND23683TRLOPENH	EUR											
Certificate	NL0012599419	DJIND23693TRLOPENH	EUR											
Certificate	NL0013157951	DJIND23696BL OPENB	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0012599732	DJIND23700TL OPENH	EUR											
Certificate	NL0012599401	DJIND23703TRLOPENH	EUR											
Certificate	NL0012608723	DJIND23704TRLOPENH	EUR	13,3900	13,3900	13,3900			13,3900					
Certificate	NL0013184500	DJIND23710TL OPENH	EUR	17,3200	17,3200	17,3200			17,3200					
Certificate	NL0012599393	DJIND23713TRLOPENH	EUR											
Certificate	DE000CE6FPS7	DJIND23729TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	NL0013124969	DJIND23729TRLOPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	LU1876840130	DJIND23750TCIOPENS	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	DE000VA7PWN2	DJIND23750TL 0319V	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000VA4YPM7	DJIND23750TL 1218V	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000VA3Z1P4	DJIND23750TL 1218V	EUR											
Certificate	NL0013083314	DJIND23767TRLOPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0012779656	DJIND23770TL OPENB	EUR											
Certificate	NL0013124951	DJIND23789TRLOPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0013127723	DJIND23809TRLOPENH	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	NL0012605489	DJIND23817TRLOPENH	EUR											
Certificate	NL0012602072	DJIND23833TRLOPENH	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	NL0012604037	DJIND23837TRLOPENH	EUR											
Certificate	NL0013016801	DJIND23840TL OPENB	EUR	10,9950	14,0500	10,8200	5466,0000	2	14,0500	500				
Certificate	NL0013124944	DJIND23869TRLOPENH	EUR	9,3000	11,9600	9,3000	1162,5000	1	11,9600	125				
Certificate	DE000VA15MK3	DJIND23888TL OPENV	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	NL0013124936	DJIND23889TRLOPENH	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	NL0012788244	DJIND23892BL OPENB	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	NL0013082191	DJIND23895TRLOPENH	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0012611289	DJIND23900TL OPENH	EUR											
Certificate	NL0013082183	DJIND23915TRLOPENH	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	NL0012846794	DJIND23920TL OPENH	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	NL0012847461	DJIND23948TRLOPENH	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	NL0013082175	DJIND23965TRLOPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	NL0012780241	DJIND23970TL OPENB	EUR											
Certificate	DE000CV88822	DJIND23977TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0013125826	DJIND23979TRLOPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0013124928	DJIND23990TRLOPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	NL0013082167	DJIND23995TRLOPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000VA7PQB9	DJIND24000TL 0319V	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CJ3QKT5	DJIND24000TL 0319Z	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000VA3Z329	DJIND24000TL 1218V	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000C0581Q4	DJIND24000TL OPENC	EUR											
Certificate	NL0013082159	DJIND24016TRLOPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	LU1840977885	DJIND24030TCIOPENS	EUR	7,0300	9,6100	7,0300	1652,0500	1	9,6100	235				
Certificate	NL0013082142	DJIND24036TRLOPENH	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	NL0013016819	DJIND24040TL OPENB	EUR	10,0100	12,2900	10,0100	20020,0000	1	12,2900	2000				
Certificate	NL0013129190	DJIND24063TRLOPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0012847347	DJIND24071TRLOPENH	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	NL0012789309	DJIND24088BL OPENB	EUR	7,0500	10,4400	7,0500	1819,4000	4	10,4400	240				
Certificate	NL0013082498	DJIND24090TL OPENH	EUR	14,0600	14,0600	14,0600			14,0600					
Certificate	NL0013087554	DJIND24094TRLOPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	NL0013082134	DJIND24096TRLOPENH	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0013082126	DJIND24126TRLOPENH	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0013082118	DJIND24146TRLOPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0013128739	DJIND24167TRLOPENH	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CJ3PT90	DJIND24181TL OPENZ	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	NL0013128721	DJIND24207TRLOPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0013145600	DJIND24220TL OPENB	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	DE000CJ3PTZ5	DJIND24222TL OPENZ	EUR	0,7000	0,9300	0,6500	15600,0000	4	0,9150	21000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013128713	DJIND24227TRLOPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0012778922	DJIND24240TS OPENB	EUR											
Certificate	NL0013128705	DJIND24247TRLOPENH	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000VA87HQ9	DJIND24250TL 0319V	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000VA87G60	DJIND24250TL 1218V	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013128697	DJIND24267TRLOPENH	EUR	5,4300	8,5900	5,0200	466,3600	2	8,5900		88			
Certificate	NL0013128689	DJIND24276TRLOPENH	EUR											
Certificate	NL0013146871	DJIND24289BL OPENB	EUR											
Certificate	NL0013128671	DJIND24306TRLOPENH	EUR											
Certificate	NL0013128663	DJIND24326TRLOPENH	EUR											
Certificate	NL0013128655	DJIND24346TRLOPENH	EUR											
Certificate	NL0013128648	DJIND24367TRLOPENH	EUR											
Certificate	NL0013128630	DJIND24377TRLOPENH	EUR											
Certificate	NL0012927867	DJIND24640TL OPENH	EUR											
Certificate	LU1876840213	DJIND24750TCIOPENS	EUR											
Certificate	NL0013185564	DJIND24769TRSOPENH	EUR											
Certificate	NL0013185556	DJIND24789TRSOPENH	EUR											
Certificate	NL0013157274	DJIND24790TS OPENB	EUR											
Certificate	NL0013185549	DJIND24809TRSOPENH	EUR											
Certificate	NL0013185531	DJIND24829TRSOPENH	EUR											
Certificate	NL0013185523	DJIND24839TRSOPENH	EUR											
Certificate	NL0013185515	DJIND24869TRSOPENH	EUR	1,1400	1,1400	1,0000	2720,0000	3	1,0000	2480				
Certificate	NL0013184492	DJIND24880TS OPENH	EUR											
Certificate	NL0013185507	DJIND24889TRSOPENH	EUR											
Certificate	NL0013185499	DJIND24909TRSOPENH	EUR											
Certificate	NL0013184161	DJIND24948TRSOPENH	EUR	1,4500	1,7200	0,8200	1265,8000	8	0,8200	1080				
Certificate	NL0013184153	DJIND24968TRSOPENH	EUR	1,1800	1,2800	1,1700	3062,5000	2	1,2800	2500				
Certificate	NL0013184146	DJIND24988TRSOPENH	EUR											
Certificate	NL0013156375	DJIND24990TS OPENB	EUR											
Certificate	DE000VA7PQQ7	DJIND25000TL 0319V	EUR											
Certificate	DE000VA5RG58	DJIND25000TL 1218V	EUR											
Certificate	DE000VA90U18	DJIND25000TS 0319V	EUR	0,1100	0,1100	0,1100	112,4200	1	0,1100	1022				
Certificate	DE000CP236N3	DJIND25000TS OPENC	EUR											
Certificate	NL0013184138	DJIND25008TRSOPENH	EUR	1,8900	2,0000	1,0200	10902,2000	10	1,0200	5960				
Certificate	DE000CJ3QHV7	DJIND25023TS OPENZ	EUR											
Certificate	NL0013184120	DJIND25028TRSOPENH	EUR											
Certificate	NL0013184112	DJIND25038TRSOPENH	EUR											
Certificate	NL0013184104	DJIND25068TRSOPENH	EUR											
Certificate	NL0013184096	DJIND25088TRSOPENH	EUR											
Certificate	NL0013184088	DJIND25108TRSOPENH	EUR											
Certificate	NL0013184070	DJIND25128TRSOPENH	EUR											
Certificate	DE000VA90RY6	DJIND25128TS OPENV	EUR											
Certificate	NL0013184062	DJIND25138TRSOPENH	EUR											
Certificate	NL0013184054	DJIND25168TRSOPENH	EUR											
Certificate	NL0013157704	DJIND25177BS OPENB	EUR	3,0000	3,0000	1,0000	502,5000	4	1,0000	250				
Certificate	NL0013184484	DJIND25180TS OPENH	EUR											
Certificate	NL0013184047	DJIND25188TRSOPENH	EUR											
Certificate	NL0013156383	DJIND25190TS OPENB	EUR	4,9200	5,0100	4,6500	14952,4000	4	4,6500	3140				
Certificate	NL0013184039	DJIND25208TRSOPENH	EUR											
Certificate	NL0013184021	DJIND25228TRSOPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013184013	DJIND25238TRSOPENH	EUR	3,2900	3,2900	0,7500	411,1700	2	0,7500	199				
Certificate	DE000VA71YY2	DJIND25250TL 0319V	EUR											
Certificate	DE000VA71YS4	DJIND25250TL 1218V	EUR											
Certificate	DE000VA90SH9	DJIND25250TS 0319V	EUR	0,3300	0,3300	0,0950	139,9200	1	0,0950	424				
Certificate	DE000CJ3QGB1	DJIND25265TS OPENZ	EUR											
Certificate	NL0013184005	DJIND25268TRSOPENH	EUR	3,5100	3,6800	0,9900	6165,0000	4	0,9900	1800				
Certificate	NL0013183999	DJIND25288TRSOPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0013183981	DJIND25308TRSOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013183973	DJIND25328TRSOPENH	EUR	3,7700	3,7700	1,4900	377,0000	1	1,4900	100				
Certificate	NL0013183965	DJIND25338TRSOPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013183957	DJIND25368TRSOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013155872	DJIND25377BS OPENB	EUR	5,4800	5,5100	2,3100	57123,5000	20	2,3100	13710				
Certificate	DE000VA90R05	DJIND25378TS OPENV	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0013183569	DJIND25380TS OPENH	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0013183940	DJIND25388TRSOPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013156391	DJIND25390TS OPENB	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0013183932	DJIND25408TRSOPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013183924	DJIND25428TRSOPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0013183916	DJIND25438TRSOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013183908	DJIND25468TRSOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013183015	DJIND25498TRSOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VA9C5J9	DJIND25500TS 0319V	EUR	0,3150	0,3150	0,3150			0,3150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QFH0	DJIND25500TS 0319Z	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000CQ5ALZ0	DJIND25500TS OPENC	EUR											
Certificate	DE000CP236P8	DJIND25500TS OPENC	EUR	0,8700	0,9100	0,5900	1437,0000	4	0,5900	1800				
Certificate	DE000CJ3QE25	DJIND25500TS OPENZ	EUR	5,5200	5,5200	5,5200								
Certificate	DE000CJ3QE78	DJIND25514TS OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0013183007	DJIND25518TRSOPENH	EUR	4,1600	4,1600	3,0500	2787,2000	1	3,0500	670				
Certificate	NL0013181118	DJIND25568TRSOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0013155880	DJIND25577BS OPENB	EUR	7,2700	7,7600	4,0500	22881,5900	19	4,1200	3816				
Certificate	NL0013181100	DJIND25588TRSOPENH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0013153687	DJIND25600TS OPENB	EUR	9,3000	9,3000	5,8900	279,0000	1	5,8900	30				
Certificate	NL0013181092	DJIND25608TRSOPENH	EUR	7,2000	7,2000	3,8300	6860,0000	2	3,8300	1000				
Certificate	NL0013181084	DJIND25618TRSOPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VA9C4K0	DJIND25628TS OPENV	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0013181076	DJIND25648TRSOPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0013181068	DJIND25668TRSOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013180805	DJIND25670TS OPENH	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	NL0013181050	DJIND25688TRSOPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0013181043	DJIND25708TRSOPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0013185747	DJIND25736TRSOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000VA7PQ23	DJIND25750TL 0319V	EUR											
Certificate	DE000VA6EE47	DJIND25750TL 1218V	EUR											
Certificate	DE000VA90U42	DJIND25750TS 0319V	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013180714	DJIND25762TRSOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CJ3QE06	DJIND25764TS OPENZ	EUR	0,8800	0,8800	0,5550	880,0000	1	0,5550	1000				
Certificate	NL0013155211	DJIND25776BS OPENB	EUR	6,2050	6,2050	5,8800	618,0000	1	5,8800	100				
Certificate	NL0013180706	DJIND25782TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0013153232	DJIND25800TS OPENB	EUR	10,0000	10,0000	7,6700	3300,0000	1	7,6700	330				
Certificate	NL0013180698	DJIND25802TRSOPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0013133879	DJIND25847TRSOPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0013134158	DJIND25860TS OPENH	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0013133861	DJIND25867TRSOPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VA9CZV6	DJIND25878TS OPENV	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0013133853	DJIND25887TRSOPENH	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0013133846	DJIND25897TRSOPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0013133838	DJIND25927TRSOPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0013133820	DJIND25947TRSOPENH	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0013153463	DJIND25967BS OPENB	EUR	7,4000	7,5500	7,4000	370,0000	1	7,5500	50				
Certificate	NL0013133812	DJIND25967TRSOPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0013152481	DJIND25980TS OPENB	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0013133804	DJIND25987TRSOPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0013133796	DJIND25997TRSOPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CP06P89	DJIND26000TL OPENC	EUR											
Certificate	LU1840974940	DJIND26000TPIOPENS	EUR											
Certificate	LU1876843316	DJIND26000TPIOPENS	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA9COK8	DJIND26000TS 0319V	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CP236Q6	DJIND26000TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP233N0	DJIND26000TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CJ3QAN9	DJIND26004TS OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013133788	DJIND26027TRSOPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0013133770	DJIND26047TRSOPENH	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0013133762	DJIND26067TRSOPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0013133754	DJIND26087TRSOPENH	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0013133747	DJIND26097TRSOPENH	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	NL0013133739	DJIND26127TRSOPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000VA9CZ23	DJIND26128TS OPENV	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	NL0013133721	DJIND26147TRSOPENH	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	NL0013152119	DJIND26166BS OPENB	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0013133713	DJIND26167TRSOPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0013152499	DJIND26180TS OPENB	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0013133705	DJIND26187TRSOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0013083280	DJIND26224TRSOPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0013080542	DJIND26232TRSOPENH	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	LU1876843407	DJIND26250TPIOPENS	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000VA9COL6	DJIND26250TS 0319V	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013081359	DJIND26250TS OPENH	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	DE000CJ3N7Q4	DJIND26252TS OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013080534	DJIND26262TRSOPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0013133697	DJIND26287TRSOPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	NL0013080526	DJIND26292TRSOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013182496	DJIND26308TRSOPENH	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0013080518	DJIND26321TRSOPENH	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0013130727	DJIND26350TRSOPENH	EUR	10,2600	10,2600	10,2600			10,2600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013080500	DJIND26351TRSOPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0013131048	DJIND26352TRSOPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0013008493	DJIND26362BS OPENB	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	NL0013080492	DJIND26381TRSOPENH	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0013131378	DJIND26385TRSOPENH	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0013009475	DJIND26390TS OPENB	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	NL0013182090	DJIND26409TRSOPENH	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	NL0013080484	DJIND26411TRSOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0013080476	DJIND26441TRSOPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	NL0013085756	DJIND26442TRSOPENH	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000VA7THM7	DJIND26442TS OPENV	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0013086473	DJIND26443TRSOPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	NL0013080468	DJIND26471TRSOPENH	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CJ3N6Q6	DJIND26490TS OPENZ	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	LU1876843589	DJIND26500TPIOPENS	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	DE000VA71M59	DJIND26500TS 0319V	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CJ3P9T2	DJIND26500TS 0319Z	EUR	1,2000	1,2000	1,1650	120,0000	1	1,1650	100				
Certificate	DE000VA71NJ6	DJIND26500TS 1218V	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CP06V99	DJIND26500TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP07BQ8	DJIND26500TS OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CJ3N4U3	DJIND26500TS OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0013080450	DJIND26501TRSOPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	NL0013084874	DJIND26520TS OPENH	EUR	16,4000	16,4000	16,4000			16,4000					
Certificate	NL0013084338	DJIND26529TRSOPENH	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0013080443	DJIND26531TRSOPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0013080435	DJIND26561TRSOPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0013008501	DJIND26562BS OPENB	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0013133259	DJIND26585TRSOPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0013009483	DJIND26590TS OPENB	EUR	17,3000	17,3000	14,7100	86,5000	1	14,7100	5				
Certificate	NL0013080427	DJIND26591TRSOPENH	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	NL0013086036	DJIND26620TS OPENH	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	NL0013080419	DJIND26621TRSOPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	NL0013080401	DJIND26651TRSOPENH	EUR	12,9100	12,9100	12,9100			12,9100					
Certificate	NL0013080393	DJIND26681TRSOPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0013131360	DJIND26685TRSOPENH	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	DE000VA77HP0	DJIND26692TS OPENV	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	NL0013080385	DJIND26711TRSOPENH	EUR	13,4700	13,4700	13,4700			13,4700					
Certificate	NL0013080377	DJIND26741TRSOPENH	EUR	13,7200	13,7200	13,7200			13,7200					
Certificate	LU1876843662	DJIND26750TPIOPENS	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	DE000VA71MV3	DJIND26750TS 0319V	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000VA71NL2	DJIND26750TS 1218V	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CJ3N7R2	DJIND26752TS OPENZ	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0013008519	DJIND26762BS OPENB	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	NL0013084320	DJIND26768TRSOPENH	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	NL0013084312	DJIND26808TRSOPENH	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0012905319	DJIND26830TRSOPENH	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	NL0012905301	DJIND26840TRSOPENH	EUR	14,5800	14,5800	14,5800			14,5800					
Certificate	NL0012520019	DJIND26846TRSOPENH	EUR											
Certificate	NL0012901334	DJIND26850TRSOPENH	EUR	14,6800	14,6800	14,6800			14,6800					
Certificate	NL001254877	DJIND26860TS OPENH	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	NL0012545990	DJIND26870TRSOPENH	EUR	14,8400	14,8400	14,8400			14,8400					
Certificate	NL0013133242	DJIND26885TRSOPENH	EUR	17,9900	17,9900	14,9500	5712,0000	8	14,9500	322				
Certificate	NL0012892616	DJIND26913TRSOPENH	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	NL0012904692	DJIND26939TRSOPENH	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	NL0012992218	DJIND26961BS OPENB	EUR	16,3200	16,3200	16,3200			16,3200					
Certificate	NL0012895320	DJIND26961TRSOPENH	EUR	15,6300	15,6300	15,6300			15,6300					
Certificate	NL0012561252	DJIND26981TRSOPENH	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	NL0013002306	DJIND26990TS OPENB	EUR	18,3500	18,3500	18,3500			18,3500					
Certificate	DE000VA77BA5	DJIND27000TS 0319V	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000VA321N9	DJIND27000TS 1218V	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CJ3N1U9	DJIND27000TS 1218Z	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000CP06396	DJIND27000TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CP06VA2	DJIND27000TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CE6F552	DJIND27001TS OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0012904320	DJIND27008TRSOPENH	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	NL0012901243	DJIND27039TRSOPENH	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	NL001254869	DJIND27060TS OPENH	EUR	21,3200	21,3200	21,3200			21,3200					
Certificate	NL0012904312	DJIND27068TRSOPENH	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	NL0012561187	DJIND27090TRSOPENH	EUR	16,7800	16,7800	16,7800			16,7800					
Certificate	NL0013132707	DJIND27093TRSOPENH	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	NL0012904304	DJIND27118TRSOPENH	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0012901862	DJIND27140TRSOPENH	EUR	17,2100	17,2100	17,2100			17,2100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL001298462	DJIND27162BS OPENB	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	NL0012904296	DJIND27168TRSOPENH	EUR	17,4300	17,4300	17,4300			17,4300					
Certificate	LU1817097238	DJIND27190TPIOPENS	EUR	15,8000	15,8000	15,8000			15,8000					
Certificate	NL0012901854	DJIND27190TRSOPENH	EUR	17,6300	17,6300	17,6300			17,6300					
Certificate	NL0013132699	DJIND27193TRSOPENH	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	NL0012904288	DJIND27218TRSOPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	NL0012676803	DJIND27220TS OPENB	EUR	28,2000	28,2000	25,2100	253,8000	1	25,2100	9				
Certificate	NL0012901847	DJIND27240TRSOPENH	EUR	18,1000	18,1000	18,1000			18,1000					
Certificate	LU1876843746	DJIND27250TPIOPENS	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	DE000VA7PWLG	DJIND27250TS 0319V	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000VA32302	DJIND27250TS 1218V	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CE6FE26	DJIND27250TS OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	NL0012554851	DJIND27260TS OPENH	EUR	23,0000	23,0000	23,0000			23,0000					
Certificate	NL0012181374	DJIND27267TRSOPENH	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	NL0012901839	DJIND27290TRSOPENH	EUR	18,5000	18,5000	18,5000			18,5000					
Certificate	NL0013132681	DJIND27293TRSOPENH	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	NL0012901821	DJIND27310TRSOPENH	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	NL0012901813	DJIND27340TRSOPENH	EUR	18,8600	18,8600	18,8600			18,8600					
Certificate	NL0013000243	DJIND27362BS OPENB	EUR	19,8500	19,8500	19,8500			19,8500					
Certificate	NL0012545917	DJIND27363TRSOPENH	EUR	19,1800	19,1800	19,1800			19,1800					
Certificate	NL0012901805	DJIND27390TRSOPENH	EUR	19,3800	19,3800	19,3800			19,3800					
Certificate	NL0013132673	DJIND27393TRSOPENH	EUR	19,4200	19,4200	19,4200			19,4200					
Certificate	NL0012904270	DJIND27417TRSOPENH	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	DE000VL61G75	DJIND27423TS OPENV	EUR	14,8200	14,8200	14,8200			14,8200					
Certificate	NL0012892566	DJIND27452TRSOPENH	EUR	19,9400	19,9400	19,9400			19,9400					
Certificate	NL0012554844	DJIND27460TS OPENH	EUR	27,4300	27,4400	24,8700	13717,5000	2	24,8700	500				
Certificate	NL0012904684	DJIND27478TRSOPENH	EUR	20,1900	20,1900	20,1900			20,1900					
Certificate	NL0012904262	DJIND27497TRSOPENH	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	DE000VA7PPD7	DJIND27500TS 0319V	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CJ3P7W0	DJIND27500TS 0319Z	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000VA325G4	DJIND27500TS 1218V	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000CP233P5	DJIND27500TS OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CE6F397	DJIND27500TS OPENZ	EUR	23,4100	23,4100	23,4100			23,4100					
Certificate	DE000CV4YQX0	DJIND27507TS OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0012904676	DJIND27528TRSOPENH	EUR	20,6100	20,6100	20,6100			20,6100					
Certificate	NL0012901797	DJIND27549TRSOPENH	EUR	20,7200	20,7200	20,7200			20,7200					
Certificate	NL0013001019	DJIND27564BS OPENB	EUR	21,7800	21,7800	21,6300	653,4000	1	21,6300	30				
Certificate	NL0012904668	DJIND27578TRSOPENH	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	NL0012904254	DJIND27597TRSOPENH	EUR	21,1200	21,1200	21,1200			21,1200					
Certificate	NL0012904650	DJIND27628TRSOPENH	EUR	21,5100	21,5100	21,5100			21,5100					
Certificate	NL0012892558	DJIND27652TRSOPENH	EUR	21,6900	21,6900	21,6900			21,6900					
Certificate	NL0012554836	DJIND27660TS OPENH	EUR	26,7100	26,7100	26,7100			26,7100					
Certificate	NL0012906309	DJIND27680TRSOPENH	EUR	21,9300	21,9300	21,9300			21,9300					
Certificate	NL0012904247	DJIND27717TRSOPENH	EUR	22,3000	22,3000	22,3000			22,3000					
Certificate	NL0012907307	DJIND27740TRSOPENH	EUR	22,4600	22,4600	22,4600			22,4600					
Certificate	DE000VA7PPG0	DJIND27750TS 0319V	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000VA4RL94	DJIND27750TS 1218V	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0013004682	DJIND27764BS OPENB	EUR	23,3900	23,3900	23,3900			23,3900					
Certificate	DE000CV4YW56	DJIND27779TS OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0012906291	DJIND27780TRSOPENH	EUR	22,8100	22,8100	22,8100			22,8100					
Certificate	NL0013078124	DJIND27802TRSOPENH	EUR	23,0500	23,0500	23,0500			23,0500					
Certificate	NL0012907299	DJIND27840TRSOPENH	EUR	23,2700	23,2700	23,2700			23,2700					
Certificate	NL0012554828	DJIND27860TS OPENH	EUR	28,5000	28,5000	28,5000			28,5000					
Certificate	NL0012892533	DJIND27901TRSOPENH	EUR	23,8900	23,8900	23,8900			23,8900					
Certificate	DE000VL61G91	DJIND27923TS OPENV	EUR	19,2200	19,2200	19,2200			19,2200					
Certificate	NL0012907281	DJIND27970TRSOPENH	EUR	24,4900	24,4900	24,4900			24,4900					
Certificate	LU1817097311	DJIND27990TPIOPENS	EUR	22,7600	22,7600	22,7600			22,7600					
Certificate	LU1876843829	DJIND28000TPIOPENS	EUR	24,7400	24,7400	24,7400			24,7400					
Certificate	DE000VA7PPK2	DJIND28000TS 0319V	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA4YTX6	DJIND28000TS 1218V	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000CJ3NUX3	DJIND28000TS 1218Z	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000CY52046	DJIND28000TS OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CQ58P36	DJIND28000TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CY51Y73	DJIND28000TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CV4YX22	DJIND28025TS OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0012901789	DJIND28049TRSOPENH	EUR	25,1900	25,1900	25,1900			25,1900					
Certificate	DE000VL8XH38	DJIND28058TS OPENV	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0012554810	DJIND28060TS OPENH	EUR	30,3000	30,3000	30,3000			30,3000					
Certificate	NL0013148737	DJIND28100BOCI219B	EUR	223,8500	223,8500	223,8500			223,8500					
Certificate	NL0013084304	DJIND28137TRSOPENH	EUR	25,9600	25,9600	25,9600			25,9600					
Certificate	NL0013084296	DJIND28187TRSOPENH	EUR	26,4000	26,4000	26,4000			26,4000					
Certificate	NL0012676811	DJIND28220TS OPENB	EUR	34,2900	34,2900	34,2900			34,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013084288	DJIND28237TRSOPENH	EUR	26,8600	26,8600	26,8600			26,8600					
Certificate	NL0012901771	DJIND28248TRSOPENH	EUR	26,9600	26,9600	26,9600			26,9600					
Certificate	DE000VA7PPM8	DJIND28250TS 0319V	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	DE000VA4YV69	DJIND28250TS 1218V	EUR	2,7150	2,7150	2,7150				2,7150				
Certificate	NL0012554802	DJIND28260TS OPENH	EUR	32,0700	32,0700	32,0700				32,0700				
Certificate	DE000CV4YX30	DJIND28280TS OPENZ	EUR	2,7650	2,7650	2,7650				2,7650				
Certificate	DE000VL8XH46	DJIND28308TS OPENV	EUR	23,8200	23,8200	23,8200				23,8200				
Certificate	NL0012910137	DJIND28345TRSOPENH	EUR	27,8200	27,8200	27,8200				27,8200				
Certificate	NL0012901763	DJIND28398TRSOPENH	EUR	28,2700	28,2700	28,2700				28,2700				
Certificate	NL0013133234	DJIND28444TRSOPENH	EUR	28,6700	28,6700	28,6700				28,6700				
Certificate	LU1840349135	DJIND28480TPIOpens	EUR	27,4300	27,4300	27,4300				27,4300				
Certificate	NL0013133226	DJIND28494TRSOPENH	EUR	29,1100	29,1100	29,1100				29,1100				
Certificate	NL0013132020	DJIND28500TRSOPENH	EUR	29,1900	29,1900	29,1900				29,1900				
Certificate	DE000VA7PPP1	DJIND28500TS 0319V	EUR	2,8850	2,8850	2,8850				2,8850				
Certificate	DE000C3P7X8	DJIND28500TS 0319Z	EUR	2,8950	2,8950	2,8950				2,8950				
Certificate	DE000VASRP24	DJIND28500TS 1218V	EUR	2,9350	2,9350	2,9350				2,9350				
Certificate	DE000CV52S21	DJIND28500TS OPENC	EUR	2,3200	2,3200	2,3200				2,3200				
Certificate	DE000CV4VHV3	DJIND28520TS OPENZ	EUR	32,5100	32,5100	32,5100				32,5100				
Certificate	DE000CV4Z3F6	DJIND28538TS OPENZ	EUR	2,9950	2,9950	2,9950				2,9950				
Certificate	NL0013132012	DJIND28550TRSOPENH	EUR	29,6300	29,6300	29,6300				29,6300				
Certificate	DE000VL8XH53	DJIND28558TS OPENV	EUR	26,0200	26,0200	26,0200				26,0200				
Certificate	NL0012901755	DJIND28598TRSOPENH	EUR	30,0300	30,0300	30,0300				30,0300				
Certificate	NL0013132665	DJIND28652TRSOPENH	EUR	30,5300	30,5300	30,5300				30,5300				
Certificate	NL0013132004	DJIND28700TRSOPENH	EUR	30,9500	30,9500	30,9500				30,9500				
Certificate	NL0012901748	DJIND28748TRSOPENH	EUR	31,2500	31,2500	31,2500				31,2500				
Certificate	DE000VA7PPR7	DJIND28750TS 0319V	EUR	3,1050	3,1050	3,1050				3,1050				
Certificate	DE000VAGTOL0	DJIND28750TS 1218V	EUR	3,1550	3,1550	3,1550				3,1550				
Certificate	DE000CV4Z3G4	DJIND28793TS OPENZ	EUR	3,2150	3,2150	3,2150				3,2150				
Certificate	NL0012892509	DJIND28799TRSOPENH	EUR	31,7900	31,7900	31,7900				31,7900				
Certificate	DE000VA2T8F9	DJIND28872TS OPENV	EUR	30,2700	30,2700	30,2700				30,2700				
Certificate	NL0012550297	DJIND28882TRSOPENH	EUR	32,5300	32,5300	32,5300				32,5300				
Certificate	NL0012903785	DJIND28900TS OPENH	EUR	37,8400	37,8400	37,8400				37,8400				
Certificate	NL0012901730	DJIND28947TRSOPENH	EUR	33,0100	33,0100	33,0100				33,0100				
Certificate	DE000VA7PPS5	DJIND29000TS 0319V	EUR	3,3250	3,3250	3,3250				3,3250				
Certificate	DE000VAGTOP1	DJIND29000TS 1218V	EUR	3,3750	3,3750	3,3750				3,3750				
Certificate	DE000CJ3NNZ3	DJIND29000TS 1218Z	EUR	3,3950	3,3950	3,3950				3,3950				
Certificate	DE000CV52CL5	DJIND29000TS OPENC	EUR	3,0900	3,0900	3,0900				3,0900				
Certificate	DE000CV52F00	DJIND29000TS OPENC	EUR	2,7400	2,7400	2,7400				2,7400				
Certificate	DE000CP06MQ7	DJIND29000TS OPENC	EUR	3,2500	3,2500	3,2500				3,2500				
Certificate	DE000CV4Z7C4	DJIND29035TS OPENZ	EUR	3,4350	3,4350	3,4350				3,4350				
Certificate	NL0012901722	DJIND29097TRSOPENH	EUR	34,3500	34,3500	34,3500				34,3500				
Certificate	DE000VA7PPU1	DJIND29250TS 0319V	EUR	3,5450	3,5450	3,5450				3,5450				
Certificate	DE000VASRJ14	DJIND29265TS OPENV	EUR	34,6800	34,6800	34,6800				34,6800				
Certificate	DE000CV4ZB01	DJIND29296TS OPENZ	EUR	3,6650	3,6650	3,6650				3,6650				
Certificate	NL0013124605	DJIND29302TRSOPENH	EUR	36,2300	36,2300	36,2300				36,2300				
Certificate	NL0012560346	DJIND29356TRSOPENH	EUR	36,7400	36,7400	36,7400				36,7400				
Certificate	NL0012196497	DJIND29427TRSOPENH	EUR	37,3500	37,3500	37,3500				37,3500				
Certificate	NL0012554794	DJIND29460TS OPENH	EUR	42,8500	42,8500	42,8500				42,8500				
Certificate	DE000VA7PPX5	DJIND29500TS 0319V	EUR	3,7550	3,7550	3,7550				3,7550				
Certificate	DE000CV4YX71	DJIND29520TS OPENZ	EUR	41,4200	41,4200	41,4200				41,4200				
Certificate	NL0012197602	DJIND29529TRSOPENH	EUR	38,2200	38,2200	38,2200				38,2200				
Certificate	DE000CV4ZC91	DJIND29552TS OPENZ	EUR	3,8850	3,8850	3,8850				3,8850				
Certificate	DE000VAGD419	DJIND29726TS OPENV	EUR	39,0800	39,0800	39,0800				39,0800				
Certificate	DE000VA7PP16	DJIND29750TS 0319V	EUR	3,9750	3,9750	3,9750				3,9750				
Certificate	DE000CV4ZJD4	DJIND29808TS OPENZ	EUR	4,1150	4,1150	4,1150				4,1150				
Certificate	NL0012197578	DJIND29821TRSOPENH	EUR	40,8400	40,8400	40,8400				40,8400				
Certificate	DE000CV52F18	DJIND30000TS OPENC	EUR	3,6100	3,6100	3,6100				3,6100				
Certificate	DE000CV52GD3	DJIND30000TS OPENC	EUR	3,9900	3,9900	3,9900				3,9900				
Certificate	DE000CQ58UD6	DJIND30000TS OPENC	EUR	4,0600	4,0600	4,0600				4,0600				
Certificate	DE000CP063A8	DJIND30000TS OPENC	EUR	4,4800	4,4800	4,4800				4,4800				
Certificate	NL0012905962	DJIND30056TRSOPENH	EUR	42,8700	42,8700	42,8700				42,8700				
Certificate	DE000CV4ZJE2	DJIND30062TS OPENZ	EUR	4,3350	4,3350	4,3350				4,3350				
Certificate	NL0012676829	DJIND30220TS OPENB	EUR	52,4500	52,4500	52,4500				52,4500				
Certificate	NL0012895304	DJIND30274TRSOPENH	EUR	44,8000	44,8000	44,8000				44,8000				
Certificate	DE000CV4ZKX0	DJIND30320TS OPENZ	EUR	4,5650	4,5650	4,5650				4,5650				
Certificate	NL0012677389	DJIND30395BS OPENB	EUR	46,5900	46,5900	46,5900				46,5900				
Certificate	DE000C3P7Y6	DJIND30500TS 0319Z	EUR	4,6450	4,6450	4,6450				4,6450				
Certificate	DE000CV4ZCR9	DJIND30520TS OPENZ	EUR	50,3500	50,3500	50,3500				50,3500				
Certificate	NL0013131352	DJIND30543TRSOPENH	EUR	47,1700	47,1700	47,1700				47,1700				
Certificate	NL0012314173	DJIND30551TRSOPENH	EUR	47,2600	47,2600	47,2600				47,2600				
Certificate	DE000CV4ZLL3	DJIND30582TS OPENZ	EUR	4,7950	4,7950	4,7950				4,7950				
Certificate	NL0012554786	DJIND30650TS OPENH	EUR	53,6300	53,6300	53,6300				53,6300				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012905954	DJIND3075STRSOPENH	EUR	49,0700	49,0700	49,0700			49,0700					
Certificate	DE000CV42PW1	DJIND30838TS OPENZ	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CV8AC47	DJIND31000TS 1218Z	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CY52539	DJIND31000TS OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CP061L9	DJIND31000TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CP063B6	DJIND31000TS OPENC	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012901714	DJIND31044TRSOPENH	EUR	51,4900	51,4900	51,4900			51,4900					
Certificate	NL0012901706	DJIND31293TRSOPENH	EUR	56,9500	56,9500	53,7900	113,9000	1	53,7900	2				
Certificate	NL0012905947	DJIND31504TRSOPENH	EUR	55,6400	55,6400	55,6400			55,6400					
Certificate	DE000CV4ZL84	DJIND31520TS OPENZ	EUR	59,3250	59,3250	59,3250			59,3250					
Certificate	NL0012907273	DJIND31815STRSOPENH	EUR	58,3800	58,3800	58,3800			58,3800					
Certificate	DE000CJ3NQQ5	DJIND31842TS OPENZ	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0012554778	DJIND31850TS OPENZ	EUR	64,4000	64,4000	64,4000			64,4000					
Certificate	DE000CP06P97	DJIND32000TS OPENC	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CJ3P723	DJIND32500TS 0319Z	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CV87QH5	DJIND32883TS OPENZ	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012849806	DJIND32969TRSOPENH	EUR	68,5700	68,5700	68,5700			68,5700					
Certificate	DE000CJ3NUY1	DJIND33000TS 1218Z	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012903777	DJIND33500TS OPENZ	EUR	79,2200	79,2200	79,2200			79,2200					
Certificate	DE000CV87NJ8	DJIND33530TS OPENZ	EUR	77,2400	77,2400	77,2400			77,2400					
Certificate	NL0012520001	DJIND33596TRSOPENH	EUR											
Certificate	DE000CJ3NRY7	DJIND35530TS OPENZ	EUR	95,0900	95,0900	95,0900			95,0900					
Certificate	NL0012905939	DJIND36348TRSOPENH	EUR	98,3700	98,3700	98,3700			98,3700					
Certificate	DE0006075369	DJINS PI OPENN	EUR	28,5000	28,5000	28,5000			28,5000					
Certificate	DE000CN6JSYO	DJINS 199.TL OPENZ	EUR	8,1900	8,1900	8,1300			8,1300					
Certificate	DE000CN6JS72	DJINS176.TL OPENZ	EUR	10,4700	10,4700	10,4150			10,4150					
Certificate	DE000CE6C568	DJINS234.4TL OPENZ	EUR	4,6500	4,6500	4,5950			4,5950					
Certificate	DE000CV87N02	DJINS254.8TL OPENZ	EUR	2,6300	2,6300	2,5750			2,5750					
Certificate	DE000CD64FW4	DJINS309.5TS OPENZ	EUR	2,9700	3,0250	2,9700			3,0250					
Certificate	DE000CE6FCZ0	DJINS361.1TS OPENZ	EUR	8,1200	8,1700	8,1200			8,1700					
Certificate	DE000CE6C881	DJMAT 550.TS OPENZ	EUR	14,7800	14,9100	14,7800			14,9100					
Certificate	DE000CN6JS88	DJMAT278.4TL OPENZ	EUR	12,5200	12,5200	12,3850			12,3850					
Certificate	DE000CN6JT22	DJMAT313.3TL OPENZ	EUR	9,0400	9,0400	8,9000			8,9000					
Certificate	DE000CJ3PG53	DJMAT337.1TL OPENZ	EUR	6,6700	6,6700	6,5300			6,5300					
Certificate	DE000CE6BHM6	DJMAT367.7TL OPENZ	EUR	3,6500	3,6500	3,5150			3,5150					
Certificate	DE000CD645X8	DJMAT470.7TS OPENZ	EUR	6,8600	6,9900	6,8600			6,9900					
Certificate	DE000CE6EHE7	DJMED 199.TL OPENZ	EUR	8,2700	8,3550	8,2700			8,3550					
Certificate	DE000CE6CDC4	DJMED230.9TL OPENZ	EUR	5,0800	5,1650	5,0800			5,1650					
Certificate	DE000CV87MX1	DJMED251.2TL OPENZ	EUR	3,0600	3,1450	3,0600			3,1450					
Certificate	DE000CE6CES8	DJMED319.2TS OPENZ	EUR	3,8500	3,8500	3,7650			3,7650					
Certificate	DE000CV89YJ1	DJMED369.1TS OPENZ	EUR	8,8400	8,8400	8,7500			8,7500					
Certificate	DE0006075328	DJOIL PI OPENN	EUR	33,9200	33,9200	33,9200			33,9200					
Certificate	NL0006470858	DJOIL 91TL OPENB	EUR	23,3050	23,3050	23,3050			23,3050					
Certificate	NL0006468845	DJOIL 125TL OPENB	EUR	20,0550	20,0550	20,0550			20,0550					
Certificate	NL0011655881	DJOIL 213TL OPENB	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0012034649	DJOIL 254TL OPENB	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0012781553	DJOIL 296TL OPENB	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012791180	DJOIL 367TS OPENB	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CN6KE00	DJRES225.8TL OPENZ	EUR	17,0600	17,0600	17,0600			17,0600					
Certificate	DE000CD627T4	DJRES268.8TL OPENZ	EUR	12,7700	12,7700	12,7700			12,7700					
Certificate	DE000CD63M86	DJRES318.8TL OPENZ	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CE6E8T5	DJRES368.4TL OPENZ	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CJ3PBQ2	DJRES397.8TL OPENZ	EUR											
Certificate	DE000CJ3QJ59	DJRES442.9TS OPENZ	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CV8A7L0	DJRES502.5TS OPENZ	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CE6F454	DJRES552.4TS OPENZ	EUR	15,7500	15,7500	15,7500			15,7500					
Certificate	DE000CV88X41	DJRES652.2TS OPENZ	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0012492102	DJRET 207TL OPENB	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0011271382	DJRET 248TL OPENB	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	NL0013147952	DJRET 288TL OPENB	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0013006505	DJRET 308TS OPENB	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0011089198	DJRET 348TS OPENB	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CV87N28	DJRET 274.TL OPENZ	EUR	2,7550	2,9250	2,7550			2,9250					
Certificate	DE000CE6CEU4	DJRET 348.TS OPENZ	EUR	4,9450	4,9450	4,7750			4,7750					
Certificate	DE000CV88TR6	DJRET 398.TS OPENZ	EUR	9,8800	9,8800	9,7100			9,7100					
Certificate	DE000CE6EJ51	DJRET218.5TL OPENZ	EUR	8,2000	8,3700	8,2000			8,3700					
Certificate	DE000CE6CDD2	DJRET254.3TL OPENZ	EUR	4,6650	4,8350	4,6650			4,8350					
Certificate	DE0006075385	DJTCH PI OPENN	EUR	37,9300	37,9300	37,9300			37,9300					
Certificate	NL0013156813	DJTCH 267TL OPENB	EUR	16,0000	16,0000	16,0000			16,0000					
Certificate	NL0011907142	DJTCH 307TL OPENB	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	NL0012693006	DJTCH 350TL OPENB	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0013158181	DJTCH 390TL OPENB	EUR	4,2900	4,2900	4,2900			4,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013153257	DJTCH 434TS OPENB	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012996326	DJTCH 473TS OPENB	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0012971154	DJTCH 513TS OPENB	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	DE000CN6GA67	DJTCH292.6TL OPENZ	EUR	11,9300	12,3200	11,9300			12,3200					
Certificate	DE000CN6G8D8	DJTCH310.5TL OPENZ	EUR	10,1550	10,5450	10,1550			10,5450					
Certificate	DE000CE6C543	DJTCH360.5TL OPENZ	EUR	5,2100	5,5900	5,2100			5,5900					
Certificate	DE000CJ3PNQ7	DJTCH449.7TS OPENZ	EUR	4,0350	4,0350	3,6550			3,6550					
Certificate	DE000CE6CM90	DJTCH509.3TS OPENZ	EUR	9,9000	9,9000	9,5100			9,5100					
Certificate	DE000CV87N44	DJTCH559.6TS OPENZ	EUR	14,9200	14,9200	14,5300			14,5300					
Certificate	DE0006075393	DJTLCL PI OPENN	EUR	25,1900	25,1900	25,1900			25,1900					
Certificate	DE000CJ3NNQ2	DJTLCL162.4TL OPENZ	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000CE6FKQ2	DJTLCL197.2TL OPENZ	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000CV8B9W2	DJTLCL216.7TL OPENZ	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	DE000CJ3P950	DJTLCL236.9TL OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000CV500C7	DJTLCL280.2TS OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CE6CEQ2	DJTLCL325.1TS OPENZ	EUR	6,4900	6,5000	6,4900			6,5000					
Certificate	DE0006075401	DJUTL PI OPENN	EUR	29,0100	29,0100	29,0100			29,0100					
Certificate	NL0013007784	DJUTL 156TL OPENB	EUR	14,2600	14,2600	14,2600			14,2600					
Certificate	NL0010516134	DJUTL 195TL OPENB	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	NL0012099121	DJUTL 238TL OPENB	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0011089230	DJUTL 299TS OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CV8A4R4	DLGS 12.21TL OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000CV8A7S5	DLGS 14.21TL OPENZ	EUR	1,7200	1,7200	1,6650	7740,0000	1	1,6650	4500				
Certificate	DE000CJ3N450	DLGS 17.21TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CJ3PUY6	DLGS 19.18TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3PUZ3	DLGS 21.18TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0006317588	dMIAX PI OPENN	EUR	19,3200	19,7100	19,3200			19,7100					
Certificate	DE0005437438	DOWJO PI OPENN	EUR	219,4700	219,4700	219,4700			219,4700					
Certificate	NL0011928304	DPOST 23.7TL OPENH	EUR	6,5300	6,5300	6,4900			6,4900					
Certificate	NL0011225339	DPOST16.66TL OPENH	EUR	13,1200	13,1200	13,0800			13,0800					
Certificate	DE000CV89T04	DPOST19.29TL OPENZ	EUR	9,5400	9,5400	9,3700			9,3700					
Certificate	NL0011721063	DPOST19.79TL OPENH	EUR	10,1900	10,1900	10,1600			10,1600					
Certificate	DE000CN6KHC7	DPOST21.32TL OPENZ	EUR	7,5100	7,5100	7,3500			7,3500					
Certificate	NL0011721055	DPOST21.87TL OPENH	EUR	8,2400	8,2400	8,2100			8,2100					
Certificate	NL0011721048	DPOST22.39TL OPENH	EUR	7,7600	7,7600	7,7200			7,7200					
Certificate	NL0011892872	DPOST22.89TL OPENH	EUR	7,2900	7,2900	7,2500			7,2500					
Certificate	NL0011926837	DPOST23.19TL OPENH	EUR	7,0100	7,0100	6,9700			6,9700					
Certificate	NL0011931225	DPOST24.21TL OPENH	EUR	6,0600	6,0600	6,0200			6,0200					
Certificate	DE000CD62585	DPOST24.32TL OPENZ	EUR	4,5250	4,5250	4,3500			4,3500					
Certificate	NL0011932587	DPOST24.72TL OPENH	EUR	5,5800	5,5800	5,5400			5,5400					
Certificate	NL0011933932	DPOST25.26TL OPENH	EUR	5,0700	5,0700	5,0300			5,0300					
Certificate	NL0011934682	DPOST25.78TL OPENH	EUR	4,5900	4,5900	4,5500			4,5500					
Certificate	NL0011989868	DPOST26.28TL OPENH	EUR	4,1200	4,1200	4,0800			4,0800					
Certificate	NL0012861264	DPOST34.23TS OPENH	EUR	8,0600	8,2300	8,0600			8,2300					
Certificate	NL0012580757	DPOST37.23TS OPENH	EUR	11,2800	11,4500	11,2800			11,4500					
Certificate	NL0012610125	DPOST38.21TS OPENH	EUR	12,3400	12,5000	12,3400			12,5000					
Certificate	NL0012580740	DPOST39.19TS OPENH	EUR	13,3900	13,5600	13,3900			13,5600					
Certificate	NL0012519458	DPOST40.05TS OPENH	EUR	14,3200	14,4900	14,3200			14,4900					
Certificate	NL0012523864	DPOST40.13TS OPENH	EUR	14,4000	14,5700	14,4000			14,5700					
Certificate	NL0012367734	DPOST41.78TS OPENH	EUR	16,1700	16,3400	16,1700			16,3400					
Certificate	NL0012431043	DPOST41.96TS OPENH	EUR	16,3700	16,5300	16,3700			16,5300					
Certificate	NL0012545552	DPOST43.91TS OPENH	EUR	18,4600	18,6300	18,4600			18,6300					
Certificate	NL0012545545	DPOST45.87TS OPENH	EUR	20,5600	20,7300	20,5600			20,7300					
Certificate	NL0012537518	DPOST49.78TS OPENH	EUR	24,7600	24,9200	24,7600			24,9200					
Certificate	NL0013110463	DSM LEVOPENZ	EUR	44,1000	44,1000	42,2200			42,2200					
Certificate	NL0011656830	DSM 41TL OPENB	EUR	38,1350	38,1350	38,1350			38,1350					
Certificate	NL0011721089	DSM 45TL OPENH	EUR	34,9200	35,1800	34,9200			35,1800					
Certificate	DE000CX01698	DSM 48TL OPENC	EUR	32,6900	32,6900	32,6900			32,6900					
Certificate	DE000CX59324	DSM 50TL OPENC	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CX59G11	DSM 50TL OPENC	EUR	29,4900	29,4900	29,4900			29,4900					
Certificate	NL0012103824	DSM 54TL OPENB	EUR	26,0050	26,0050	26,0050			26,0050					
Certificate	DE000CY509U7	DSM 55TL OPENC	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	DE000CX59PJ8	DSM 55TL OPENC	EUR	27,0000	27,0000	27,0000			27,0000					
Certificate	DE000CY50UL1	DSM 55TL OPENC	EUR	23,3200	23,3200	23,3200			23,3200					
Certificate	DE000CY50EP6	DSM 55TL OPENC	EUR	23,7600	23,7600	23,7600			23,7600					
Certificate	DE000CY50SW2	DSM 55TL OPENC	EUR	25,8700	25,8700	25,8700			25,8700					
Certificate	LU1876931442	DSM 60TCIOPENS	EUR	17,2100	17,2100	16,6800			16,6800					
Certificate	DE000CP06ZM8	DSM 60TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CY16AK6	DSM 60TL OPENC	EUR	19,4900	19,4900	19,4900			19,4900					
Certificate	DE000CP06WH5	DSM 60TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CY16FN9	DSM 60TL OPENC	EUR	22,3300	22,3300	22,3300			22,3300					
Certificate	DE000CY51FJ4	DSM 65TL OPENC	EUR	13,2800	13,2800	13,2800			13,2800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY524C4	DSM 65TL OPENC	EUR	16,4200	16,4200	16,4200			16,4200					
Certificate	DE000CQ58YY4	DSM 65TL OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CP234N8	DSM 65TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CY51GS3	DSM 65TL OPENC	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	DE000VA8FX09	DSM 68TL 0319V	EUR	8,9850	8,9850	8,9850			8,9850					
Certificate	DE000CV8ABH6	DSM 68TL 1218Z	EUR	2,0350	2,0350	1,9050			1,9050					
Certificate	DE000VA8FUR6	DSM 70TL 0319V	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	DE000VA8FXV6	DSM 70TL 1218V	EUR	7,0650	7,0650	7,0650			7,0650					
Certificate	DE000CP06WJ1	DSM 70TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CY51US4	DSM 70TL OPENC	EUR	7,0900	8,2800	7,0900	389,9500	1	8,2800	55				
Certificate	DE000CP06ZN6	DSM 70TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CY51WA8	DSM 70TL OPENC	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	NL0012494553	DSM 71BOC1218B	EUR	70,8200	70,8200	70,8200			70,8200					
Certificate	DE000VA71T06	DSM 72TL 0319V	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000VA8FUP0	DSM 72TL 1218V	EUR	5,2350	5,2350	5,2350			5,2350					
Certificate	LU1876931525	DSM 74TCIOPENS	EUR	3,2800	3,2800	2,7500			2,7500					
Certificate	DE000VA87GQ1	DSM 74TL 0319V	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	DE000CY52BC6	DSM 75TL OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	LU1876931798	DSM 76TCIOPENS	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000VA90XJ5	DSM 76TL 0319V	EUR											
Certificate	DE000VA8F055	DSM 76TS 0319V	EUR											
Certificate	DE000VA8F4J0	DSM 76TS 1218V	EUR											
Certificate	LU1876937217	DSM 78TPIOPENS	EUR											
Certificate	LU1876937308	DSM 80TPIOPENS	EUR	3,7400	4,2700	3,7400			4,2700					
Certificate	DE000VA9C5F7	DSM 80TS 0319V	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000CP234P3	DSM 80TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP23292	DSM 80TS OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000VA710R2	DSM 82TS 0319V	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	DE000VA8FR49	DSM 82TS 1218V	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000VA32088	DSM 84TL 1218V	EUR											
Certificate	DE000VA710S0	DSM 84TS 0319V	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	DE000VA710T8	DSM 84TS 1218V	EUR	7,7950	7,7950	7,7950			7,7950					
Certificate	DE000CQ58E39	DSM 85TL OPENC	EUR											
Certificate	DE000CQ58FB1	DSM 85TL OPENC	EUR											
Certificate	DE000CP06WL7	DSM 85TS OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CP06TV2	DSM 85TS OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CP06ZQ9	DSM 85TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013110513	DSM 86BOC0619Z	EUR											
Certificate	NL0013110539	DSM 86BOC0619Z	EUR	78,8700	78,8700	78,3800			78,3800					
Certificate	LU1876937480	DSM 86TPIOPENS	EUR	9,7000	10,2300	9,7000			10,2300					
Certificate	DE000VA77E23	DSM 86TS 0319V	EUR	9,8350	9,8350	9,8350			9,8350					
Certificate	DE000VA77E49	DSM 86TS 1218V	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	LU1876937563	DSM 88TPIOPENS	EUR	11,6900	12,2300	11,6900			12,2300					
Certificate	DE000VA77DU9	DSM 88TS 0319V	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	DE000VA77DV7	DSM 88TS 1218V	EUR	11,7550	11,7550	11,7550			11,7550					
Certificate	DE000VA77BD9	DSM 90TS 0319V	EUR	13,8450	13,8450	13,8450			13,8450					
Certificate	DE000VA77BG2	DSM 90TS 1218V	EUR	13,7550	13,7550	13,7550			13,7550					
Certificate	DE000CP06ZR7	DSM 90TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CP06WM5	DSM 90TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CP06TW0	DSM 90TS OPENC	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	NL0012649040	DSM 91BOC1218Z	EUR	89,7450	89,7450	89,5800			89,5800					
Certificate	NL0013148802	DSM 91BOC1219B	EUR	76,7500	76,7500	76,7500			76,7500					
Certificate	DE000VA77PWQ5	DSM 92TS 0319V	EUR	15,8450	15,8450	15,8450			15,8450					
Certificate	DE000VA77PW9	DSM 92TS 1218V	EUR	15,7550	15,7550	15,7550			15,7550					
Certificate	NL0012795249	DSM 94BOC1218Z	EUR	77,2500	77,2500	76,5900			76,5900					
Certificate	DE000VA77PVE3	DSM 94TS 0319V	EUR	17,8450	17,8450	17,8450			17,8450					
Certificate	DE000VA32YF2	DSM 94TS 1218V	EUR	17,7650	17,7650	17,7650			17,7650					
Certificate	NL0012987267	DSM 96BOC0619B	EUR	76,4500	76,4500	76,4500			76,4500					
Certificate	DE000VA64074	DSM 96TS 0319V	EUR	19,8450	19,8450	19,8450			19,8450					
Certificate	DE000VA323C8	DSM 96TS 1218V	EUR	19,7650	19,7650	19,7650			19,7650					
Certificate	DE000VA64090	DSM 98TS 0319V	EUR	21,8550	21,8550	21,8550			21,8550					
Certificate	DE000VA4ARMN6	DSM 98TS 1218V	EUR	21,7650	21,7650	21,7650			21,7650					
Certificate	DE000VA64058	DSM 100TS 0319V	EUR	23,8550	23,8550	23,8550			23,8550					
Certificate	DE000VA4RQB2	DSM 100TS 1218V	EUR	23,7650	23,7650	23,7650			23,7650					
Certificate	DE000CP06QD8	DSM 100TS OPENC	EUR	23,4000	23,4000	23,4000			23,4000					
Certificate	DE000CY52BD4	DSM 100TS OPENC	EUR	24,6700	24,6700	24,6700			24,6700					
Certificate	DE000CP064S8	DSM 100TS OPENC	EUR	27,1600	27,1600	27,1600			27,1600					
Certificate	DE000CY529W1	DSM 100TS OPENC	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	DE000CP06WN3	DSM 100TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CP06ZS5	DSM 100TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000VA64066	DSM 102TS 0319V	EUR	25,8550	25,8550	25,8550			25,8550					
Certificate	DE000CQ58E47	DSM 110TS OPENC	EUR	32,0900	32,0900	32,0900			32,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58FC9	DSM 110TS OPENC	EUR	36,2200	36,2200	36,2200			36,2200					
Certificate	DE000CE6C8Q3	DSM 62.TL OPENZ	EUR	3,1650	3,1650	3,0250			3,0250					
Certificate	NL0012547087	DSM 100.TS OPENH	EUR	31,2300	31,2300	31,2100			31,2100					
Certificate	NL0009258938	DSM 17.6TL OPENB	EUR	59,9450	59,9450	59,9450			59,9450					
Certificate	NL0009459874	DSM 19.9TL OPENB	EUR	57,7450	57,7450	57,7450			57,7450					
Certificate	NL0010010534	DSM 23.2TL OPENB	EUR	54,7050	54,7050	54,7050			54,7050					
Certificate	NL0010175147	DSM 29.9TL OPENB	EUR	48,4850	48,4850	48,4850			48,4850					
Certificate	NL0010252292	DSM 33.1TL OPENB	EUR	45,4450	45,4450	45,4450			45,4450					
Certificate	NL0011799317	DSM 43.6TL OPENB	EUR	35,6950	35,6950	35,6950			35,6950					
Certificate	NL0011818463	DSM 46.2TL OPENB	EUR	33,2650	33,2650	33,2650			33,2650					
Certificate	NL0011906433	DSM 48.8TL OPENB	EUR	30,8850	30,8850	30,8850			30,8850					
Certificate	NL0011908629	DSM 51.5TL OPENB	EUR	28,3750	28,3750	28,3750			28,3750					
Certificate	NL0012110787	DSM 56.6TL OPENB	EUR	23,6050	23,6050	23,6050			23,6050					
Certificate	NL0012120679	DSM 59.2TL OPENB	EUR	21,2350	21,2350	21,2350			21,2350					
Certificate	NL0012495899	DSM 64.3TL OPENB	EUR	16,4650	16,4650	16,4650			16,4650					
Certificate	NL0012520407	DSM 66.2TL OPENH	EUR	15,1700	15,4400	15,1700			15,4400					
Certificate	NL0012497416	DSM 66.3BL OPENB	EUR	10,4650	10,4650	10,4650			10,4650					
Certificate	NL0012499008	DSM 66.8TL OPENB	EUR	14,1250	14,1250	14,1250			14,1250					
Certificate	NL0012502611	DSM 69.4TL OPENB	EUR	11,7250	11,7250	11,7250			11,7250					
Certificate	NL0012507982	DSM 71.9TL OPENB	EUR	9,3850	9,3850	9,3850			9,3850					
Certificate	DE000CJ3N2Q5	DSM 72.5TL 1218Z	EUR	1,1550	1,1550	1,0150			1,0150					
Certificate	NL0012538086	DSM 73.4TL OPENH	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	NL0013148273	DSM 74.4TL OPENB	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	NL0013154891	DSM 78.7TS OPENB	EUR	8,8350	8,8350	8,8350			8,8350					
Certificate	NL0013007958	DSM 86.7TS OPENB	EUR	17,4350	17,4350	17,4350			17,4350					
Certificate	NL0013007701	DSM 87.4BS OPENB	EUR	11,7050	11,7050	11,7050			11,7050					
Certificate	NL0013079312	DSM 87.9TS OPENH	EUR	18,1400	18,1400	18,1200			18,1200					
Certificate	NL0013005572	DSM 91.6TS OPENB	EUR	22,8050	22,8050	22,8050			22,8050					
Certificate	NL0012793020	DSM 92.6BOC1218B	EUR	76,0000	76,0000	76,0000			76,0000					
Certificate	NL0012933238	DSM 95.1TS OPENH	EUR	25,9100	25,9100	25,8900			25,8900					
Certificate	NL0012508733	DSM 96.5TS OPENB	EUR	28,0950	28,0950	28,0950			28,0950					
Certificate	DE000VA1GMQ8	DSM 97.3TS OPENV	EUR	17,5050	17,5050	17,5050			17,5050					
Certificate	NL0013003239	DSM 98.8BOC0919B	EUR	73,6000	73,6000	73,6000			73,6000					
Certificate	DE000VA1GMR6	DSM 99.3TS OPENV	EUR	19,4750	19,4750	19,4750			19,4750					
Certificate	DE000VAGEFY0	DSM 100.3TS OPENV	EUR	23,4950	23,4950	23,4950			23,4950					
Certificate	NL0012555791	DSM 100.4TS OPENH	EUR	31,5700	31,5700	31,5500			31,5500					
Certificate	DE000VAGEF38	DSM 101.3TS OPENV	EUR	24,4850	24,4850	24,4850			24,4850					
Certificate	NL0012791040	DSM 101.4TS OPENB	EUR	33,3750	33,3750	33,3750			33,3750					
Certificate	DE000VAGEF87	DSM 102.3TS OPENV	EUR	25,4850	25,4850	25,4850			25,4850					
Certificate	DE000VAGTY87	DSM 105.3TS OPENV	EUR	28,4650	28,4650	28,4650			28,4650					
Certificate	DE000VA4VWS0	DSM 105.4TS OPENV	EUR	27,4550	27,4550	27,4550			27,4550					
Certificate	NL0012938260	DSM 108.2TS OPENH	EUR	40,0200	40,0200	40,0000			40,0000					
Certificate	NL0012901664	DSM 108.6TS OPENH	EUR	40,4200	40,4200	40,4100			40,4100					
Certificate	NL0012605604	DSM 108.8TS OPENH	EUR	40,7000	40,7000	40,6900			40,6900					
Certificate	NL0012615520	DSM 109.1TS OPENH	EUR	40,9600	40,9600	40,9500			40,9500					
Certificate	DE000CV88WR0	DSM 109.8TS OPENZ	EUR	6,4800	6,6200	6,4800			6,6200					
Certificate	NL0012892392	DSM 120.2TS OPENH	EUR	53,0300	53,0300	53,0100			53,0100					
Certificate	NL0012903884	DSM 120.6TS OPENH	EUR	53,3800	53,3800	53,3600			53,3600					
Certificate	DE000CG2PNX8	DSM 17.44TL OPENC	EUR	65,3400	65,3400	65,3400			65,3400					
Certificate	NL0011039391	DSM 32.68TL OPENH	EUR	46,3900	46,6500	46,3900			46,6500					
Certificate	NL0011040142	DSM 34.81TL OPENH	EUR	44,4100	44,6700	44,4100			44,6700					
Certificate	NL0011721105	DSM 38.75TL OPENH	EUR	40,7400	41,0000	40,7400			41,0000					
Certificate	NL0011655634	DSM 41.09BL OPENB	EUR	35,6550	35,6550	35,6550			35,6550					
Certificate	NL0011713664	DSM 42.46TL OPENH	EUR	37,2800	37,5500	37,2800			37,5500					
Certificate	NL0011721097	DSM 43.96TL OPENH	EUR	35,8900	36,1500	35,8900			36,1500					
Certificate	DE000CN6L4I7	DSM 46.68TL OPENZ	EUR	32,3300	32,3300	31,6600			31,6600					
Certificate	NL0011895842	DSM 47.92TL OPENH	EUR	32,2000	32,4600	32,2000			32,4600					
Certificate	NL0011893623	DSM 48.09TL OPENH	EUR	32,0400	32,3000	32,0400			32,3000					
Certificate	NL0011907449	DSM 51.75BL OPENB	EUR	25,2900	25,2900	24,6300	749700,0000	12	24,9950	30000				
Certificate	DE000CJ3N2Z6	DSM 51.91TL OPENZ	EUR	5,1700	5,1700	5,0300			5,0300					
Certificate	NL0011927769	DSM 52.05TL OPENH	EUR	28,3500	28,6100	28,3500			28,6100					
Certificate	DE000VN6Y0H4	DSM 53.62TL OPENV	EUR	24,9150	24,9150	24,9150			24,9150					
Certificate	DE000CE6BDL7	DSM 53.83TL OPENZ	EUR	5,0750	5,0750	4,9450			4,9450					
Certificate	NL0012106058	DSM 55.95BL OPENB	EUR	20,8150	20,8150	20,8150			20,8150					
Certificate	NL0012057491	DSM 56.11TL OPENH	EUR	24,5600	24,8300	24,5600			24,8300					
Certificate	NL0012093751	DSM 56.17TL OPENH	EUR	24,5100	24,7800	24,5100			24,7800					
Certificate	LU1477374323	DSM 56.75TCIOPENS	EUR	21,4000	21,4000	20,8700			20,8700					
Certificate	DE000CJ3P3T5	DSM 59.75TL 0319Z	EUR	3,6750	3,6750	3,5450			3,5450					
Certificate	NL0012121073	DSM 60.12BL OPENB	EUR	16,6450	16,6450	16,6450			16,6450					
Certificate	NL0012208359	DSM 60.14TL OPENH	EUR	20,8100	21,0800	20,8100			21,0800					
Certificate	DE000CE6EUM3	DSM 62.03TL OPENZ	EUR	3,4850	3,4850	3,3550			3,3550					
Certificate	DE000VL2FSR0	DSM 62.71TL OPENV	EUR	14,6550	14,6550	14,6550			14,6550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012494215	DSM 64.24BL OPENB	EUR	12,5250	12,5250	12,5250			12,5250					
Certificate	DE000CJ3QD48	DSM 64.25TL 0319Z	EUR	2,7850	2,7850	2,6450			2,6450					
Certificate	DE000VL2FT57	DSM 64.77TL OPENV	EUR	12,6250	12,6250	12,6250			12,6250					
Certificate	LU1612176625	DSM 66.11CIOPENS	EUR	11,1700	11,1700	10,6400			10,6400					
Certificate	DE000VL37FC5	DSM 66.73TL OPENV	EUR	13,8850	13,8850	13,8850			13,8850					
Certificate	DE000VL2FV87	DSM 66.79TL OPENV	EUR	10,5850	10,5850	10,5850			10,5850					
Certificate	DE000CE6EYM5	DSM 66.96TL OPENZ	EUR	2,1750	2,1750	1,8400	184,0000	1	2,0450	100				
Certificate	NL0012499990	DSM 68.35BL OPENB	EUR	8,4050	8,4050	8,4050			8,4050					
Certificate	DE000VL37FD3	DSM 68.73TL OPENV	EUR	11,9350	11,9350	11,9350			11,9350					
Certificate	DE000VL2FXP4	DSM 68.88TL OPENV	EUR	8,5450	8,5450	8,5450			8,5450					
Certificate	LU1859834639	DSM 69.27CIOPENS	EUR	7,8400	7,8400	7,3100			7,3100					
Certificate	NL0012526537	DSM 69.35TL OPENH	EUR	12,2400	12,5000	12,2400			12,5000					
Certificate	DE000CJ3P3U3	DSM 69.75TL 0319Z	EUR	1,6950	1,6950	1,5550			1,5550					
Certificate	NL0012502710	DSM 70.41BL OPENB	EUR	6,3550	6,3550	6,3550			6,3550					
Certificate	DE000VL37FE1	DSM 70.73TL OPENV	EUR	10,0050	10,0050	10,0050			10,0050					
Certificate	DE000VL2FXR0	DSM 70.88TL OPENV	EUR	5,7700	6,5150	5,7550	230,8000	1	6,5150	40				
Certificate	LU1859832344	DSM 71.22CIOPENS	EUR	5,9000	5,9000	5,3600			5,3600					
Certificate	DE000CE6FQE5	DSM 71.26TL OPENZ	EUR	1,6950	1,6950	1,3900	697,5000	2	1,5550	500				
Certificate	DE000CE6FE22	DSM 71.94TL OPENZ	EUR	1,1850	1,1850	0,8000	1570,5000	7	1,0550	1780				
Certificate	NL0012507776	DSM 72.45BL OPENB	EUR	3,9900	4,3150	3,9750	399,0000	1	4,3150	100				
Certificate	DE000VL37FF8	DSM 72.73TL OPENV	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	DE000VL37FG6	DSM 72.88TL OPENV	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	DE000VA8FZM6	DSM 73.34TL OPENV	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	DE000VA90TV8	DSM 74.43TL OPENV	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	NL0013147226	DSM 74.44BL OPENB	EUR	2,2400	2,3250	2,2400	280,0000	1	2,3250	125				
Certificate	DE000VA90W73	DSM 75.44TL OPENV	EUR											
Certificate	DE000VA90TQ8	DSM 78.96TS OPENV	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000VA90TS4	DSM 79.96TS OPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000VACUS9	DSM 81.03TS OPENV	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0013149503	DSM 81.44BS OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0013131881	DSM 81.55TS OPENH	EUR	11,3200	11,3200	11,3000			11,3000					
Certificate	DE000VA71079	DSM 82.13TS OPENV	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000VA71087	DSM 83.13TS OPENV	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000VA711A6	DSM 84.13TS OPENV	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	LU1859714492	DSM 84.16PIOPENS	EUR	7,6400	8,1700	7,6400			8,1700					
Certificate	NL0013008980	DSM 84.42BS OPENB	EUR	9,4200	9,4300	8,7250	1697,4000	1	8,7250	180				
Certificate	DE000VA3TKX7	DSM 84.62TL OPENV	EUR											
Certificate	DE000VA7TFU4	DSM 85.17TS OPENV	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	DE000VA7TFV2	DSM 86.17TS OPENV	EUR	9,5750	9,5750	9,5750			9,5750					
Certificate	DE000VA7TFW0	DSM 87.17TS OPENV	EUR	10,5750	10,5750	10,5750			10,5750					
Certificate	DE000VA7TJE0	DSM 88.17TS OPENV	EUR	11,5650	11,5650	11,5650			11,5650					
Certificate	DE000VA7TDC7	DSM 89.17TS OPENV	EUR	12,5550	12,5550	12,5550			12,5550					
Certificate	DE000CJ3N203	DSM 89.92TS OPENZ	EUR	2,5150	2,6450	2,5150			2,6450					
Certificate	DE000VA7TAK6	DSM 90.17TS OPENV	EUR	13,5450	13,5450	13,5450			13,5450					
Certificate	NL0013005176	DSM 90.38BS OPENB	EUR	14,6850	14,6850	14,6850			14,6850					
Certificate	LU1840912247	DSM 90.39PIOPENS	EUR	13,7200	14,2600	13,7200			14,2600					
Certificate	DE000VA7TAL4	DSM 91.17TS OPENV	EUR	14,5450	14,5450	14,5450			14,5450					
Certificate	DE000VA7TAM2	DSM 92.17TS OPENV	EUR	15,5350	15,5350	15,5350			15,5350					
Certificate	DE000VA7P34	DSM 93.17TS OPENV	EUR	16,5150	16,5150	16,5150			16,5150					
Certificate	LU1790492950	DSM 96.25PIOPENS	EUR	18,1600	18,6900	18,1600			18,6900					
Certificate	NL0012580773	DSM 96.55TS OPENH	EUR	27,4800	27,4800	27,4600			27,4600					
Certificate	DE000VAGEGF7	DSM 99.27TS OPENV	EUR	22,4950	22,4950	22,4950			22,4950					
Certificate	NL0013000474	DSM 99.31BS OPENB	EUR	23,6050	23,6050	23,6050			23,6050					
Certificate	DE000VA15PC3	DSM 99.83TS OPENV	EUR	21,4750	21,4750	21,4750			21,4750					
Certificate	DE000CV87SL3	DSM 99.87TS OPENZ	EUR	4,4950	4,6350	4,4950			4,6350					
Certificate	NL0012686604	DTLK 12TL OPENB	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CX59CY5	DTLK 12TL OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CX0K4E4	DTLK 12TL OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0012531081	DTLK 16TS OPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CX0HAE5	DTLK 20TS OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CX0H922	DTLK 20TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0010114997	DTLK 4.6TL OPENB	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	NL0010894572	DTLK 7.3TL OPENB	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0010894580	DTLK 8.5TL OPENB	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0012781629	DTLK 12.8TL OPENB	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0013007842	DTLK 13.5TL OPENB	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0013153711	DTLK 14.2TL OPENB	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012275341	DTLK 15.6TS OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012054993	DTLK 16.8TS OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0013002967	DTLK 17.1TS OPENB	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0011054317	DTLK 9.62TL OPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CR9RQP5	DTLK10.63TL OPENZ	EUR	4,9000	4,9000	4,8300			4,8300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011054309	DTELK11.74TL OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CR9P2U2	DTELK12.14TL OPENZ	EUR	3,3900	3,3900	3,3200			3,3200					
Certificate	DE000CV89Y27	DTELK13.13TL OPENZ	EUR	2,4100	2,4100	2,3400			2,3400					
Certificate	NL0011054259	DTELK17.17TS OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012245393	DTELK18.15TS OPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012245153	DTELK20.07TS OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0011054242	DTELK20.84TS OPENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CV89YY0	DTELK8.623TL OPENZ	EUR	6,9100	6,9100	6,8400			6,8400					
Certificate	NL0006471971	DXBRC 61TL OPENB	EUR	38,3100	38,3100	38,3100			38,3100					
Certificate	NL0009070507	DXBRC 180TL OPENB	EUR	27,2300	27,2300	27,2300			27,2300					
Certificate	NL0009072156	DXBRC 219TL OPENB	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	DE000CP235S4	EBAY 20TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CQ58ZV7	EBAY 20TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CP235T2	EBAY 25TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CQ58ZW5	EBAY 25TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV8ACN2	EBAY 26TL 1218Z	EUR	0,5450	0,6450	0,5450			0,6450					
Certificate	DE000CJ3P5G7	EBAY 27TL 0319Z	EUR	0,3850	0,4850	0,3850			0,4850					
Certificate	DE000CV50YU4	EBAY 30TL OPENC	EUR											
Certificate	DE000CP235U0	EBAY 30TS OPENC	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CP23318	EBAY 30TS OPENC	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	DE000CV52FP9	EBAY 35TL OPENC	EUR											
Certificate	DE000CV52N00	EBAY 35TL OPENC	EUR											
Certificate	DE000CV52EA4	EBAY 35TL OPENC	EUR											
Certificate	DE000CP067Z6	EBAY 35TS OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CV52JL0	EBAY 36TL OPENC	EUR											
Certificate	DE000CP067C5	EBAY 36TS OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV525H0	EBAY 38TS OPENC	EUR											
Certificate	DE000CQ58TT4	EBAY 40TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CQ58HX1	EBAY 40TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CQ5A8V0	EBAY 45TS OPENC	EUR											
Certificate	DE000CQ5A602	EBAY 45TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CQ5A1H4	EBAY 48TS OPENC	EUR											
Certificate	NL0010132791	EBAY 52TL OPENB	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CJ3P5F9	EBAY 23.5TL 0319Z	EUR	1,0050	1,1050	1,0050			1,1050					
Certificate	DE000CJ3QBJ5	EBAY 25.5TL 0319Z	EUR	0,6550	0,7550	0,6550			0,7550					
Certificate	NL0009796358	EBAY 32.2TL OPENB	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0010117917	EBAY 41.8TL OPENB	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CJ3PG61	EBAY 17.24TL OPENZ	EUR	2,0650	2,1550	2,0650			2,1550					
Certificate	DE000CV89U35	EBAY 22.77TL OPENZ	EUR	1,0850	1,1850	1,0850			1,1850					
Certificate	DE000CJ3PE97	EBAY 25.14TL OPENZ	EUR	0,6650	0,7650	0,6650			0,7650					
Certificate	NL0000116796	EBR6M STN0335N	EUR											
Certificate	NL0000116994	EBR6M STN0520N	EUR											
Certificate	NL0000117216	EBR6M STN0620N	EUR											
Certificate	NL0000117547	EBR6M STN1020N	EUR											
Certificate	NL0000168789	EBRSP 0%DSP1121N	EUR											
Certificate	DE000CV89V67	ECONB 2TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CV8A088	ECONB 1.54TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CV89V59	ECONB 1.77TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CV89V75	ECONB 2.22TL OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CJ3PRW6	ECONB 2.43TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CJ3PZK4	ECONB 2.63TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CJ3QJB5	ECONB 2.83TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CV8B3Y1	ECONB 2.94TL OPENZ	EUR											
Certificate	NL0012974067	EDF 11.4TL OPENB	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0013158215	EDF 12.6TL OPENB	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012992564	EDF 13.6TL OPENB	EUR											
Certificate	NL0013157118	EDF 14.9TS OPENB	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012993521	EDF 16.9TS OPENB	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012997845	EDF 18.9TS OPENB	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CV87Y33	EDF 10.05TL OPENZ	EUR	1,0300	1,0900	1,0300			1,0900					
Certificate	DE000CV8ANT6	EDF 12.04TL OPENZ	EUR	0,5400	0,5900	0,5400			0,5900					
Certificate	DE000CV50913	EDF 8.046TL OPENZ	EUR	1,5300	1,5900	1,5300			1,5900					
Certificate	NL0000290393	EGYPT CT OPENN	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CN6G659	EIFAG57.19TL OPENZ	EUR	1,4350	1,4550	1,4350			1,4550					
Certificate	DE000CD648U8	EIFAG64.16TL OPENZ	EUR	1,0850	1,1050	1,0850			1,1050					
Certificate	DE000CE6CHT9	EIFAG72.09TL OPENZ	EUR	0,6850	0,7050	0,6850			0,7050					
Certificate	DE000CE6ECA6	EIFAG81.03TL OPENZ	EUR	0,2450	0,2650	0,2450			0,2650					
Certificate	DE000CV52JK2	ELECT 105TL OPENC	EUR											
Certificate	DE000CQ58TQ0	ELECT 140TS OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CQ5A8T4	ELECT 140TS OPENC	EUR											
Certificate	DE000CQ58TR8	ELECT 150TS OPENC	EUR											
Certificate	DE000CJ3PG79	ELECT66.78TL OPENZ	EUR	0,8350	0,8450	0,8350	252,0000	1	0,8450	300				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013153372	ELIAS 67.5TS OPENB	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CR90914	ELIAS31.04TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CR90922	ELIAS34.11TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CR90930	ELIAS37.07TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CR95F25	ELIAS40.24TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CN6K6T2	ELIAS43.92TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013149297	ELIAS47.52TL OPENB	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CV87M29	ELIAS48.17TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013149305	ELIAS50.02TL OPENB	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CV89803	ELIAS52.44TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013149313	ELIAS52.52TL OPENB	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013158223	ELIAS55.02TL OPENB	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0013156581	ELIAS57.45TS OPENB	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0013149362	ELIAS62.45TS OPENB	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CV88DG2	ELUXB121.5TL OPENZ	EUR	0,8150	0,8450	0,8150			0,8450					
Certificate	DE000CV89EN5	ELUXB141.6TL OPENZ	EUR	0,6250	0,6450	0,6250			0,6450					
Certificate	DE000CJ3PRB0	ELUXB161.6TL OPENZ	EUR	0,4250	0,4550	0,4250			0,4550					
Certificate	DE000CJ3PX9	ELUXB181.5TL OPENZ	EUR	0,2350	0,2650	0,2350			0,2650					
Certificate	DE000CE6CC19	ENEL 3.93TL OPENZ	EUR	0,8900	0,8900	0,8700			0,8700					
Certificate	DE000CV8AUF0	ENEL 2.928TL OPENZ	EUR	1,8900	1,8900	1,8700			1,8700					
Certificate	DE000CE6CB02	ENEL 3.432TL OPENZ	EUR	1,3900	1,3900	1,3700			1,3700					
Certificate	DE000CJ3QE54	ENEL 4.332TL OPENZ	EUR	0,4900	0,4900	0,4700			0,4700					
Certificate	NL0010254967	ENGIE 8TL OPENB	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0010254223	ENGIE 4.7TL OPENB	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	NL0010115721	ENGIE 5.8TL OPENB	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	NL0009873744	ENGIE 8.1TL OPENB	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012109656	ENGIE 9.6TL OPENB	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0012259568	ENGIE 11.2TL OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0013150188	ENGIE 11.8TL OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013154289	ENGIE 12.6TS OPENB	EUR											
Certificate	NL0012986749	ENGIE 13.6TS OPENB	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012796601	ENGIE 14.3BOC1219Z	EUR	13,0000	13,0000	12,8100			12,8100					
Certificate	NL0011252085	ENGIE 15.6TS OPENB	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0011226360	ENGIE 7.42TL OPENH	EUR	5,8200	5,8200	5,7100			5,7100					
Certificate	NL0011226352	ENGIE 9.54TL OPENH	EUR	3,8500	3,8500	3,7400			3,7400					
Certificate	NL0012093777	ENGIE 9.58TL OPENH	EUR	3,8100	3,8100	3,7000			3,7000					
Certificate	NL0012998520	ENGIE 9.948L OPENB	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000CE6BV74	ENGIE10.88TL OPENZ	EUR	1,9550	1,9550	1,7500			1,7500					
Certificate	NL0012998538	ENGIE10.95BL OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0012201743	ENGIE11.07TL OPENH	EUR	2,4200	2,4200	2,3100			2,3100					
Certificate	NL0013128317	ENGIE11.59TL OPENH	EUR	1,9500	1,9500	1,8300			1,8300					
Certificate	DE000CJ3P1V5	ENGIE11.78TL OPENZ	EUR	1,0650	1,0650	0,8700			0,8700					
Certificate	NL0013149883	ENGIE11.95BL OPENB	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0012998553	ENGIE13.04BS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012894638	ENGIE13.09TS OPENH	EUR	1,4100	1,5800	1,4100			1,5800					
Certificate	NL0012938104	ENGIE13.19TS OPENH	EUR	1,5200	1,6900	1,5200			1,6900					
Certificate	DE000CV89K29	ENGIE14.05TS OPENZ	EUR	1,3050	1,5000	1,3050			1,5000					
Certificate	NL0011888185	ENGIE14.18TS OPENH	EUR	2,5900	2,7600	2,5900			2,7600					
Certificate	NL0011728704	ENGIE14.56TS OPENH	EUR	2,9900	3,1600	2,9900			3,1600					
Certificate	NL0012998561	ENGIE15.02BS OPENB	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	NL0011226311	ENGIE15.52TS OPENH	EUR	4,0400	4,2000	4,0400			4,2000					
Certificate	DE000CE6EQ23	ENGIE16.04TS OPENZ	EUR	3,2850	3,4900	3,2850			3,4900					
Certificate	NL0012933246	ENGIE17.68TS OPENH	EUR	6,3600	6,5300	6,3600			6,5300					
Certificate	DE000CJ3NP09	ENGIE17.376TL OPENZ	EUR	5,4400	5,4400	5,2500			5,2500					
Certificate	DE000CN6KX15	ENGIE18.879TL OPENZ	EUR	3,9450	3,9450	3,7400			3,7400					
Certificate	DE000CR9SK10	ENGIE19.882TL OPENZ	EUR	2,9450	2,9450	2,7400			2,7400					
Certificate	DE000CE6CB10	ENI 11.37TL OPENZ	EUR	2,9000	2,9000	2,8850			2,8850					
Certificate	DE000CV87FP1	ENI 12.36TL OPENZ	EUR	1,9200	2,0000	1,8950	1200,0000	1	1,8950	600				
Certificate	DE000CV88FQ7	ENI 14.35TL OPENZ	EUR											
Certificate	DE000CJ3PHT3	ENI 9.864TL OPENZ	EUR	4,4000	4,4000	4,3850			4,3850					
Certificate	NL0012268510	EON 7TL OPENB	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0012774012	EON 8TL OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0011979281	EON 4.3TL OPENH	EUR	0,5200	0,5200	0,5100			0,5100					
Certificate	NL0011974951	EON 5.3TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0011995386	EON 5.6TL OPENH	EUR	0,4100	0,4100	0,4000			0,4000					
Certificate	NL0012049308	EON 5.9TL OPENH	EUR	0,3800	0,3800	0,3700			0,3700					
Certificate	NL0012053359	EON 6.1TL OPENH	EUR	0,3600	0,3600	0,3500			0,3500					
Certificate	NL0011996061	EON 6.2TL OPENH	EUR											
Certificate	NL0012053854	EON 6.3TL OPENH	EUR	0,3400	0,3400	0,3300			0,3300					
Certificate	NL0012242614	EON 6.6TL OPENH	EUR	0,3200	0,3200	0,3100			0,3100					
Certificate	NL0012211981	EON 6.7TL OPENH	EUR	0,3100	0,3100	0,3000			0,3000					
Certificate	NL0012244933	EON 6.9TL OPENH	EUR	0,2900	0,2900	0,2800			0,2800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012306823	EON 7.2TL OPENH	EUR	0,2500	0,2500	0,2400			0,2400					
Certificate	NL0012308514	EON 7.5TL OPENH	EUR	0,2300	0,2300	0,2200			0,2200					
Certificate	NL0012310908	EON 7.6TL OPENH	EUR	0,2200	0,2200	0,2100			0,2100					
Certificate	NL0013007198	EON 7.8TL OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0011733563	EON 7.8TL OPENH	EUR											
Certificate	NL0012591754	EON 7.9TL OPENH	EUR	0,1900	0,1900	0,1800			0,1800					
Certificate	NL0012591747	EON 8.1TL OPENH	EUR	0,1700	0,1700	0,1600			0,1600					
Certificate	NL0013153729	EON 8.4TL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013185143	EON 8.7TL OPENH	EUR	0,1100	0,1100	0,1000			0,1000					
Certificate	NL0012894232	EON 9.4TS OPENH	EUR	0,0900	0,1000	0,0900			0,1000					
Certificate	NL0012510408	EON 9.9TS OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0012902282	EON 9.9TS OPENH	EUR	0,1500	0,1600	0,1500			0,1600					
Certificate	NL0012311567	EON 10.5TS OPENH	EUR	0,2100	0,2200	0,2100			0,2200					
Certificate	NL0012538680	EON 11.1TS OPENH	EUR	0,2700	0,2800	0,2700			0,2800					
Certificate	NL0012538375	EON 11.6TS OPENH	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	NL0012509228	EON 12.1TS OPENB	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	DE000CE6CX55	EON 6.088TL OPENZ	EUR	3,1800	3,1800	3,0800			3,0800					
Certificate	DE000CE6CXP4	EON 6.785TL OPENZ	EUR	2,4900	2,4900	2,3800			2,3800					
Certificate	DE000CE6DFJ2	EON 7.479TL OPENZ	EUR	1,7900	1,7900	1,6900			1,6900					
Certificate	DE000CJ3P268	EON 8.273TL OPENZ	EUR	1,0100	1,0100	0,9000			0,9000					
Certificate	DE000CJ3P5C6	EQNR 141.8TL OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CV8AUP9	EQNR 166.8TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CV8AUQ7	EQNR 187.9TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012608558	ERICS 60TL OPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012932388	ERICS 107.TS OPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0011989355	ERICS 41.7TL OPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012432082	ERIC523.74TL OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0011600705	ERIC532.37TL OPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CE6EHY5	ERIC537.74TL OPENZ	EUR	3,6900	3,7950	3,6900			3,7950					
Certificate	NL0011989363	ERIC539.64TL OPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CE6DZM4	ERIC542.84TL OPENZ	EUR	3,2000	3,2950	3,2000			3,2950					
Certificate	NL0012520415	ERIC543.98TL OPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012540488	ERIC547.77TL OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CE6F5P8	ERIC548.85TL OPENZ	EUR	2,6100	2,7150	2,6100			2,7150					
Certificate	NL0012606214	ERIC550.76TL OPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CV88G18	ERIC558.81TL OPENZ	EUR	1,6500	1,7450	1,6500			1,7450					
Certificate	NL0012930747	ERIC568.02TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV8A2V0	ERIC568.78TL OPENZ	EUR	0,6800	0,7850	0,6800			0,7850					
Certificate	NL0012608541	ERIC594.22TS OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CE6CFW7	Esc1 LEVOPENZ	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000CE6CFX5	Esc1 LEVOPENZ	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	DE000CE6CFY3	Esc1 LEVOPENZ	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CE6CG07	Esc1 SHROPEZ	EUR	0,5920	0,5920	0,5920			0,5920					
Certificate	DE000CE6CF20	Esc1 SHROPEZ	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012696140	ESILO 131TS OPENB	EUR	33,4600	33,4600	33,4600			33,4600					
Certificate	DE000CV4YXH9	ESILO 92.3TL OPENZ	EUR	0,8700	0,8700	0,8300			0,8300					
Certificate	DE000CV4YYT2	ESILO104.3TL OPENZ	EUR	0,2900	0,2900	0,2400			0,2400					
Certificate	NL0012979348	ESILO141.2TS OPENB	EUR	44,4200	44,4200	44,4200			44,4200					
Certificate	NL0009865906	ESILO47.09TL OPENB	EUR	6,4250	6,4250	6,4250			6,4250					
Certificate	DE000CJ3Q6K2	ESILO72.21TL OPENZ	EUR	1,8700	1,8700	1,8300			1,8300					
Certificate	DE000CV50921	ESILO82.26TL OPENZ	EUR	1,3700	1,3700	1,3300			1,3300					
Certificate	NL0010913299	ESILO87.46TL OPENB	EUR	26,7600	26,7600	26,7600			26,7600					
Certificate	XS0695424175	ESTX ILC1121G	EUR	136,0700	136,0700	136,0700			136,0700					
Certificate	FR0013090727	ESTX PI 0126M	EUR											
Certificate	FR0012239325	ESTX PI 1020M	EUR	102693,0000	102693,0000	102693,0000			102693,0000					
Certificate	DE0006075302	ESTX PI OPENN	EUR	29,3800	29,3800	29,3800			29,3800					
Certificate	DE0005437453	ESTX PI OPENN	EUR	31,7600	31,7600	31,7600			31,7600					
Certificate	CH0025954865	ESTX PI OPENU	EUR											
Certificate	XS1346712893	ESTX STN0119B	EUR	105,6000	105,6000	105,5000			105,5000					
Certificate	XS1237165821	ESTX STN0124K	EUR											
Certificate	XS1185155105	ESTX STN0220B	EUR											
Certificate	DE000UB53VL8	ESTX STN0220U	EUR											
Certificate	XS1194403868	ESTX STN0320B	EUR	103,4000	103,4000	102,8000			102,8000					
Certificate	NL0011218649	ESTX STN0320V	EUR	108,2500	108,2500	108,2500			108,2500					
Certificate	XS1760093739	ESTX STN0323B	EUR	102,2000	102,2000	102,2000			102,2000					
Certificate	XS1561115541	ESTX STN0323H	EUR	100,7200	101,0600	100,7200	15108,0000	1	101,0600	15000				
Certificate	NL0012249148	ESTX STN0323V	EUR	101,2000	101,2000	101,2000			101,2000					
Certificate	NL0011218706	ESTX STN0324V	EUR											
Certificate	DE000UB5SVL3	ESTX STN0421U	EUR											
Certificate	FR0013139227	ESTX STN0423K	EUR											
Certificate	XS1236606171	ESTX STN0520B	EUR											
Certificate	DE000UB57VL9	ESTX STN0522U	EUR	98,1000	98,1000	98,1000			98,1000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012247753	ESTX STN0522V	EUR	101,1000	101,1000	101,1000			101,1000					
Certificate	XS1193877286	ESTX STN0523K	EUR											
Certificate	XS1000998887	ESTX STN0620K	EUR											
Certificate	NL0011218862	ESTX STN0621V	EUR											
Certificate	XS1778830262	ESTX STN0622B	EUR											
Certificate	XS1621351474	ESTX STN0622B	EUR											
Certificate	NL0011218854	ESTX STN0622V	EUR	100,4000	100,4000	100,4000			100,4000					
Certificate	XS1832550534	ESTX STN0623B	EUR	94,7000	94,7000	94,2500			94,2500					
Certificate	NL0011218847	ESTX STN0623V	EUR	99,8000	99,8000	99,8000			99,8000					
Certificate	XS1261825209	ESTX STN0720B	EUR	97,3000	97,3000	96,8000			96,8000					
Certificate	NL0012248066	ESTX STN0721V	EUR											
Certificate	XS1193715031	ESTX STN0722K	EUR											
Certificate	NL0011218045	ESTX STN0722V	EUR											
Certificate	XS1688382123	ESTX STN0920B	EUR	92,2500	92,2500	91,8500			91,8500					
Certificate	XS1289114990	ESTX STN0924K	EUR											
Certificate	NL0011218342	ESTX STN1019V	EUR	100,2000	100,2000	100,2000			100,2000					
Certificate	XS1120476467	ESTX STN1119B	EUR	105,9500	105,9500	105,9500			105,9500					
Certificate	XS1093631197	ESTX STN1119K	EUR											
Certificate	DE000UBS4VL6	ESTX STN1120U	EUR											
Certificate	NL0010871810	ESTX STN1120V	EUR											
Certificate	XS1891280452	ESTX STN1121B	EUR	101,6000	101,6000	101,2000			101,2000					
Certificate	NL0011219324	ESTX STN1121V	EUR	99,2000	99,2000	99,2000			99,2000					
Certificate	DE000UBS9VL5	ESTX STN1122U	EUR	91,9500	91,9500	91,9500			91,9500					
Certificate	DE000UBS8VL7	ESTX STN1122U	EUR	95,5000	95,5000	95,5000			95,5000					
Certificate	XS0708791404	ESTX STN1218K	EUR											
Certificate	NL0012249643	ESTX 4STN0623V	EUR	97,2500	97,2500	97,2500			97,2500					
Certificate	NL0012249635	ESTX 9STN0523V	EUR											
Certificate	XS1573878474	ESTX 9STN0722H	EUR	98,5200	98,5200	98,2900	14778,0000	1	98,2900	15000				
Certificate	NL0012236400	ESTX 38BON0619Z	EUR	35,1700	35,2500	35,1700			35,2500					
Certificate	NL0012236129	ESTX 100TWI1218Z	EUR	113,2000	113,2000	113,0900			113,0900					
Certificate	NL0006471989	ESTX 810TL OPENB	EUR	24,1350	24,1350	24,1350			24,1350					
Certificate	NL0006467466	ESTX 1020TL OPENB	EUR	22,0750	22,0750	22,0750			22,0750					
Certificate	NL0009069921	ESTX 1250TL OPENB	EUR	19,8750	19,8750	19,8750			19,8750					
Certificate	NL0009998277	ESTX 1580TL OPENB	EUR	16,6050	16,6050	16,6050			16,6050					
Certificate	NL0011595590	ESTX 1769TRLOPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0011596424	ESTX 1790TL OPENH	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	DE000CX00542	ESTX 1903TL OPENC	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	NL0010131686	ESTX 1930TL OPENB	EUR	13,2550	13,2550	13,2550			13,2550					
Certificate	DE000CN6JFW1	ESTX 1995TL OPENZ	EUR	12,2150	12,2150	12,2150			12,2150					
Certificate	NL0010134128	ESTX 2030TL OPENB	EUR	12,2550	12,2550	12,2550			12,2550					
Certificate	NL0011602073	ESTX 2040TL OPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0011600499	ESTX 2080TL OPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000CN6IQD8	ESTX 2107TL OPENZ	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0010890109	ESTX 2110TL OPENB	EUR	11,5050	11,5050	11,5050			11,5050					
Certificate	NL0010253605	ESTX 2140TL OPENB	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	DE000CT9JA76	ESTX 2145TL OPENC	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	NL0011600812	ESTX 2152TRLOPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000CN6JQC0	ESTX 2159TL OPENZ	EUR	10,3650	10,3650	10,3650			10,3650					
Certificate	NL0011596390	ESTX 2160TL OPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0011595582	ESTX 2200TRLOPENH	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	DE000C22FL97	ESTX 2201TL OPENZ	EUR	10,1750	10,1750	10,1750			10,1750					
Certificate	NL0011596382	ESTX 2210TL OPENH	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0011035787	ESTX 2250TL OPENH	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	NL0011646815	ESTX 2281BL OPENB	EUR	9,3350	9,3350	9,3350			9,3350					
Certificate	NL0011595574	ESTX 2287TRLOPENH	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0011602065	ESTX 2290TL OPENH	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0011602057	ESTX 2310TL OPENH	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	DE000C27DLC8	ESTX 2312TL OPENZ	EUR	9,0850	9,0850	9,0850			9,0850					
Certificate	DE000CN6HNB3	ESTX 2315TL OPENZ	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0010890125	ESTX 2320TL OPENB	EUR	9,4650	9,4650	9,4650			9,4650					
Certificate	NL0011594882	ESTX 2329TRLOPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0011602040	ESTX 2330TL OPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0011035779	ESTX 2360TL OPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0011054077	ESTX 2385TRLOPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0011600390	ESTX 2400TL OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0011601653	ESTX 2409TRLOPENH	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0011596374	ESTX 2410TL OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CX0J725	ESTX 2412TL OPENC	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	DE000CX0H6K1	ESTX 2418TL OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	NL0010890133	ESTX 2430TL OPENB	EUR	8,3850	8,3850	8,3850			8,3850					
Certificate	NL0011600804	ESTX 2432TRLOPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0011600382	ESTX 2440TL OPENH	EUR	8,2800	8,2800	8,2800			8,2800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011594874	ESTX 2459TRLOPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CR4UJG6	ESTX 2468TL OPENZ	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0011035761	ESTX 2470TL OPENH	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0011602669	ESTX 2500TL OPENH	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0011594866	ESTX 2503TRLOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CX0JY53	ESTX 2515TL OPENC	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011602651	ESTX 2520TL OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CX0JXJ2	ESTX 2522TL OPENC	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CV50517	ESTX 2524TL OPENZ	EUR	6,7150	6,7150	6,7150			6,7150					
Certificate	DE000CZ7DL06	ESTX 2527TL OPENZ	EUR	6,9650	6,9650	6,9650			6,9650					
Certificate	NL0011900279	ESTX 2540TL OPENB	EUR	7,3350	7,3350	7,3350			7,3350					
Certificate	NL0011603121	ESTX 2540TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0011594858	ESTX 2545TRLOPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0011891957	ESTX 2560TL OPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CR1J4W0	ESTX 2574TL OPENZ	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0011891940	ESTX 2580TL OPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CX01WK4	ESTX 2581TL OPENC	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0011602735	ESTX 2581TRLOPENH	EUR	5,9900	6,1200	5,9900	107,8200	1	6,1200	18				
Certificate	DE000CX01WC1	ESTX 2587TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0011602727	ESTX 2602TRLOPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0011891932	ESTX 2610TL OPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0011603600	ESTX 2623TRLOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CN6JSD4	ESTX 2627TL OPENZ	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	NL0011892781	ESTX 2630TL OPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0011907100	ESTX 2640TL OPENB	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	NL0011896428	ESTX 2650TL OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0011891775	ESTX 2650TRLOPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0011926605	ESTX 2670TL OPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	NL0011891767	ESTX 2671TRLOPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CD61SE1	ESTX 2678TL OPENZ	EUR	5,1750	5,1750	5,1750			5,1750					
Certificate	NL0011926597	ESTX 2690TL OPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0011892575	ESTX 2692TRLOPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0011926589	ESTX 2710TL OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0011931076	ESTX 2727TRLOPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CD61U21	ESTX 2729TL OPENZ	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	NL0011927546	ESTX 2730TL OPENH	EUR	5,4500	5,4500	5,4500	424,8000	1	5,4500	90				
Certificate	DE000CD61T81	ESTX 2732TL OPENZ	EUR	4,7200	4,9350	4,7200			4,9350					
Certificate	NL0011896733	ESTX 2737TRLOPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0011927538	ESTX 2750TL OPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0011926324	ESTX 2756TRLOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0011907951	ESTX 2764BL OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	NL0011927520	ESTX 2770TL OPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0011926316	ESTX 2777TRLOPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CD626G3	ESTX 2780TL OPENZ	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000CX59C56	ESTX 2785TL OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CX0KZ56	ESTX 2790TL OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0011927330	ESTX 2799TRLOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0011975586	ESTX 2800TL OPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0011927322	ESTX 2819TRLOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CD626H1	ESTX 2832TL OPENZ	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	NL0011927314	ESTX 2841TRLOPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CX018B0	ESTX 2845TL OPENC	EUR											
Certificate	DE000CX018S4	ESTX 2853TL OPENC	EUR											
Certificate	DE000VAF84H4	ESTX 2861TL OPENV	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0012036933	ESTX 2870TL OPENB	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	NL0011935069	ESTX 2874TRLOPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CD62JX8	ESTX 2882TL OPENZ	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000CX59C64	ESTX 2887TL OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012048946	ESTX 2890TL OPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CX59M21	ESTX 2892TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000VAF8FX8	ESTX 2908TL OPENV	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0012038608	ESTX 2922BL OPENB	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	DE000CD63M60	ESTX 2936TL OPENZ	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0012049662	ESTX 2940TL OPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CD63N69	ESTX 2940TL OPENZ	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0012049266	ESTX 2956TRLOPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012039697	ESTX 2970TL OPENB	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000CD63YM8	ESTX 2986TL OPENZ	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	DE000CX59W29	ESTX 2990TL OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0012050926	ESTX 2990TL OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VL9VVB0	ESTX 2991TL OPENV	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0013008212	ESTX 3007BL OPENB	EUR	2,0050	2,0050	2,0050			2,0050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL9VVC8	ESTX 3016TL OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CD63YNG	ESTX 3037TL OPENZ	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000VL9VVD6	ESTX 3041TL OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	NL0012050918	ESTX 3050TL OPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000VL9VVE4	ESTX 3066TL OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0012050793	ESTX 3070TRLOPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012100192	ESTX 3079BL OPENB	EUR	1,1600	1,3650	1,1600	58,0000	1	1,3650	50				
Certificate	NL0012101430	ESTX 3080TL OPENB	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000VA87GR9	ESTX 3086TL OPENV	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CX59Z75	ESTX 3091TL OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000VL9VVF1	ESTX 3091TL OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CX59Y84	ESTX 3092TL OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013127145	ESTX 3110TL OPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA90WQ2	ESTX 3114TL OPENV	EUR											
Certificate	DE000VL9VVG9	ESTX 3116TL OPENV	EUR	1,2400	1,3150	1,1000	578,0000	2	1,3150	500				
Certificate	DE000VN6Y7G1	ESTX 3160TL OPENV	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0013184567	ESTX 3190TS OPENH	EUR											
Certificate	NL0013110588	ESTX 3200BON0619Z	EUR	32,1000	32,1600	32,1000			32,1600					
Certificate	NL0013110620	ESTX 3200BON1219Z	EUR	32,1900	32,2500	32,1900			32,2500					
Certificate	NL0012795462	ESTX 3200DIS0619Z	EUR	30,0200	30,0500	30,0200			30,0500					
Certificate	DE000VA9C5C4	ESTX 3206TS OPENV	EUR											
Certificate	NL0013155799	ESTX 3210TS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0013183312	ESTX 3217TRSOPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000VA9C5D2	ESTX 3231TS OPENV	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013110604	ESTX 3250BON0919Z	EUR	32,2000	32,2700	32,2000			32,2700					
Certificate	DE000VA9C5E0	ESTX 3256TS OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0013011299	ESTX 3267BS OPENB	EUR	1,0300	1,0300	0,9150	456,9000	2	0,9150	450				
Certificate	DE000CJ3QCBO	ESTX 3270TS OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0013083736	ESTX 3283TRSOPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000VA8FR31	ESTX 3289TS OPENV	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013110356	ESTX 3300BOC0619Z	EUR	32,1900	32,2200	32,1900			32,2200					
Certificate	NL0013110596	ESTX 3300BON0619Z	EUR	32,2500	32,3100	32,2500			32,3100					
Certificate	NL0013110638	ESTX 3300BON1219Z	EUR	32,2500	32,3200	32,2500			32,3200					
Certificate	NL0012795488	ESTX 3300DIS1219Z	EUR	29,8200	29,8500	29,8200			29,8500					
Certificate	NL0013009459	ESTX 3310TS OPENB	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CJ3N5V8	ESTX 3312TS OPENZ	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000VA71M24	ESTX 3316TS OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0013079239	ESTX 3330TS OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000VA71M29	ESTX 3341TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	NL0013079601	ESTX 3344TRSOPENH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0013110372	ESTX 3350BOC0919Z	EUR	32,2000	32,2300	32,2000			32,2300					
Certificate	NL0013008485	ESTX 3366BS OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA71M60	ESTX 3366TS OPENV	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CJ3N161	ESTX 3368TS OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000VA71A84	ESTX 3392TS OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0013079593	ESTX 3393TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013110364	ESTX 3400BOC0619Z	EUR	32,5900	32,6300	32,5900			32,6300					
Certificate	NL0012795843	ESTX 3400BON0619Z	EUR	32,1800	32,2700	32,1800			32,2700					
Certificate	NL0013110612	ESTX 3400BON0919Z	EUR	32,5000	32,5700	32,5000			32,5700					
Certificate	DE000VA1SS56	ESTX 3409TL OPENV	EUR											
Certificate	DE000VA77A92	ESTX 3417TS OPENV	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0013005408	ESTX 3420TS OPENB	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000VA7PWJ0	ESTX 3442TS OPENV	EUR	2,4900	2,5650	2,3850	16174,9800	7	2,3850	6406				
Certificate	NL0012937635	ESTX 3446TRSOPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0013110646	ESTX 3450BON1219Z	EUR	32,4200	32,5000	32,4200			32,5000					
Certificate	NL0012936801	ESTX 3460TS OPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0012988851	ESTX 3465BS OPENB	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000CV8B656	ESTX 3466TS OPENZ	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000VAGEAY1	ESTX 3477TS OPENV	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0012937130	ESTX 3495TRSOPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012236327	ESTX 35.5BON0619Z	EUR	35,0000	35,0300	35,0000			35,0300					
Certificate	NL0013110380	ESTX 3500BOC0919Z	EUR	32,8200	32,8800	32,8200			32,8800					
Certificate	NL0013148745	ESTX 3500BOC1219B	EUR	32,4200	32,4200	32,3500			32,3500					
Certificate	NL0012795850	ESTX 3500BON0919Z	EUR	32,2400	32,3300	32,2400			32,3300					
Certificate	NL0012795470	ESTX 3500DIS0619Z	EUR	30,7400	30,8100	30,7400			30,8100					
Certificate	NL0011590971	ESTX 3504TRSOPENH	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000VASREA7	ESTX 3508TS OPENV	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	NL0012648562	ESTX 3515BON1219Z	EUR	34,0400	34,0900	34,0400			34,0900					
Certificate	DE000CV897T1	ESTX 3517TS OPENZ	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	NL0011090709	ESTX 3520TS OPENB	EUR	4,4500	4,4550	4,3750	3560,0000	1	4,3750	800				
Certificate	NL0012921571	ESTX 3540TRSOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0012921985	ESTX 3540TS OPENH	EUR	4,6400	4,6400	4,6400			4,6400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012146070	ESTX 3550BON1218Z	EUR	35,4000	35,4000	35,4000			35,4000					
Certificate	NL0012121768	ESTX 3564BS OPENB	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	DE000VA15UT7	ESTX 3565TS OPENV	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	DE000CE6BWF9	ESTX 3565TS OPENZ	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0012921563	ESTX 3580TRSOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0012236376	ESTX 36.5BON1218Z	EUR	36,2200	36,2200	36,2100			36,2100					
Certificate	NL0012648539	ESTX 3600BON0619Z	EUR	34,6600	34,7200	34,6600			34,7200					
Certificate	NL0012795496	ESTX 3600DIS1219Z	EUR	30,4700	30,5200	30,4700			30,5200					
Certificate	NL0012921555	ESTX 3617TRSOPENH	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	NL0011045695	ESTX 3620TS OPENH	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012795066	ESTX 3625BOC0319Z	EUR	35,1400	35,2000	35,1400			35,2000					
Certificate	NL0012121586	ESTX 3630TS OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0012921548	ESTX 3648TRSOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0012648570	ESTX 3650BON1219Z	EUR	33,9900	34,0800	33,9900			34,0800					
Certificate	NL0012236137	ESTX 3655BON0619Z	EUR	35,5500	35,6000	35,5500			35,6000					
Certificate	NL0012782437	ESTX 3664BS OPENB	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	DE000CE6BWG7	ESTX 3664TS OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0012648497	ESTX 3665BON0319Z	EUR	35,9750	36,0250	35,9750			36,0250					
Certificate	NL0011590963	ESTX 3681TRSOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012795082	ESTX 3700BOC0619Z	EUR	35,0000	35,0700	35,0000			35,0700					
Certificate	NL0012933733	ESTX 3700TS OPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CE6C6X3	ESTX 3707TS OPENZ	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	NL0012648547	ESTX 3725BON0619Z	EUR	34,6900	34,7600	34,6900			34,7600					
Certificate	NL0012648521	ESTX 3725BON1218Z	EUR	35,8200	35,8700	35,8200			35,8700					
Certificate	NL0012921530	ESTX 3727TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012260426	ESTX 3730TS OPENB	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000CE6C873	ESTX 3763TS OPENZ	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	NL0012785364	ESTX 3764BS OPENB	EUR	5,9650	5,9650	5,9650			5,9650					
Certificate	NL0012795108	ESTX 3775BOC0919Z	EUR	34,8200	34,9000	34,8200			34,9000					
Certificate	NL0012921522	ESTX 3777TRSOPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0011045687	ESTX 3800TS OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012795074	ESTX 3825BOC0319Z	EUR	34,4800	34,5700	34,4800			34,5700					
Certificate	NL0012676233	ESTX 3825BOC1218B	EUR	38,1200	38,1200	38,1100			38,1100					
Certificate	NL0012236541	ESTX 3825BON0919Z	EUR	36,5650	36,6350	36,5650			36,6350					
Certificate	NL0012921514	ESTX 3826TRSOPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000VN66C23	ESTX 3826TS OPENV	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000VN66C80	ESTX 3830TS OPENV	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	DE000VL2FY01	ESTX 3831TS OPENV	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	NL0012795124	ESTX 3850BOC1219Z	EUR	34,6400	34,7000	34,6400			34,7000					
Certificate	NL0012648588	ESTX 3850BON1219Z	EUR	34,1200	34,2000	34,1200			34,2000					
Certificate	NL0012264758	ESTX 3850TS OPENB	EUR	7,8050	7,8050	7,8050			7,8050					
Certificate	DE000VA1ZE47	ESTX 3851TS OPENV	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	DE000VN66C31	ESTX 3851TS OPENV	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0011590955	ESTX 3857TRSOPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000VN66C98	ESTX 3860TS OPENV	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	DE000CE6CH22	ESTX 3864TS OPENZ	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000VN66C49	ESTX 3876TS OPENV	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000VA1ZE54	ESTX 3876TS OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	DE000VL37J16	ESTX 3880TS OPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000VL2FY27	ESTX 3881TS OPENV	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	DE000VN66DA9	ESTX 3890TS OPENV	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	DE000CX01WF4	ESTX 3894TS OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000VA1ZE62	ESTX 3901TS OPENV	EUR	6,0050	6,0050	6,0050			6,0050					
Certificate	NL0012921506	ESTX 3905TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CE6CQA0	ESTX 3911TS OPENZ	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	NL0012107965	ESTX 3925BOC1218B	EUR	39,2100	39,2100	39,2100			39,2100					
Certificate	NL0012145924	ESTX 3925BOC1218Z	EUR	39,2000	39,2000	39,2000			39,2000					
Certificate	DE000VL37J24	ESTX 3930TS OPENV	EUR	5,9950	5,9950	5,9950			5,9950					
Certificate	DE000VL2FY43	ESTX 3931TS OPENV	EUR	5,2350	5,2350	5,2350			5,2350					
Certificate	NL0012269674	ESTX 3940BOC1218B	EUR	39,2100	39,2100	39,2000			39,2000					
Certificate	NL0012921977	ESTX 3940TS OPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CX59W37	ESTX 3942TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CX59M47	ESTX 3944TS OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012795090	ESTX 3950BOC0619Z	EUR	34,4400	34,5500	34,4400			34,5500					
Certificate	NL0012494561	ESTX 3950BOC1218B	EUR	37,5300	37,5300	37,5300			37,5300					
Certificate	NL0012648554	ESTX 3950BON0619Z	EUR	34,4500	34,5600	34,4500			34,5600					
Certificate	NL0012700363	ESTX 3960TS OPENB	EUR	8,9050	8,9050	8,9050			8,9050					
Certificate	DE000CE6CQ39	ESTX 3968TS OPENZ	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0012983290	ESTX 4000BOC0619B	EUR	37,7800	37,7800	37,6700			37,6700					
Certificate	NL0012983282	ESTX 4000BOC1219B	EUR	35,7100	35,7100	35,6000			35,6000					
Certificate	DE000CE6DJF2	ESTX 4060TS OPENZ	EUR	9,2150	9,2150	9,2150			9,2150					
Certificate	DE000CE6DJJ4	ESTX 4064TS OPENZ	EUR	8,7700	8,7700	8,7700			8,7700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012795116	ESTX 4075BOC0919Z	EUR	34,1300	34,2200	34,1300			34,2200					
Certificate	NL0012933030	ESTX 4078TRSOPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0012146088	ESTX 4100BOC1218Z	EUR	40,6700	40,6700	40,6700			40,6700					
Certificate	NL0012921969	ESTX 4130TS OPENH	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	NL0012648596	ESTX 4150BON1219Z	EUR	33,7400	33,8200	33,7400			33,8200					
Certificate	NL0012921498	ESTX 4158TRSOPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000CE6E277	ESTX 4160TS OPENZ	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	NL0011231071	ESTX 4170TS OPENH	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0011590948	ESTX 4179TRSOPENH	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0012795132	ESTX 4200BOC1219Z	EUR	33,8800	33,9600	33,8800			33,9600					
Certificate	NL0011590930	ESTX 4211TRSOPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	DE000CE6FAQ3	ESTX 4258TS OPENZ	EUR	11,2150	11,2150	11,2150			11,2150					
Certificate	DE000CE6FAH2	ESTX 4261TS OPENZ	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0012146096	ESTX 4325BOC1218Z	EUR	41,1600	41,3500	41,1600			41,3500					
Certificate	NL0011590922	ESTX 4564TRSOPENH	EUR	13,7400	13,7400	13,7400			13,7400					
Certificate	DE000CV88X58	ESTX 4658TS OPENZ	EUR	15,2750	15,2750	15,2750			15,2750					
Certificate	XS1472027173	ESTX 7.255TN0222K	EUR											
Certificate	XS1840195744	ESTX 8.975TN0823H	EUR	93,2500	93,2500	93,2500			93,2500					
Certificate	NL0012236392	ESTX 36.25BON0619Z	EUR	34,8100	34,8700	34,8100			34,8700					
Certificate	NL0012236418	ESTX 41.75BON0619Z	EUR	34,0200	34,1700	34,0200			34,1700					
Certificate	DE000CE6BU56	ESTXF LEVOPENZ	EUR	2,7130	2,7130	2,7130			2,7130					
Certificate	DE000CE6BUQ0	ESTXF LEVOPENZ	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	DE000CE6BUR8	ESTXF LEVOPENZ	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CE6BUT4	ESTXF SHROPENZ	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CE6BUU2	ESTXF SHROPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CNGHPB8	EUCAD 1.71TS OPENZ	EUR	13,5700	13,5700	13,5700			13,5700					
Certificate	DE000CV508J5	EUCAD 1.77TS OPENZ	EUR	17,5500	17,5500	17,5500			17,5500					
Certificate	DE000CV8AWM2	EUCAD1.292TL OPENZ	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	DE000CR4J9N5	EUCAD1.352TL OPENZ	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0013004088	EUCAD1.364TL OPENB	EUR	11,0950	11,0950	11,0950			11,0950					
Certificate	NL0012282537	EUCAD1.407TL OPENB	EUR	8,3050	8,3050	8,3050			8,3050					
Certificate	DE000CR4H922	EUCAD1.441TL OPENZ	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	NL0012791545	EUCAD1.451TL OPENB	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	NL0012989867	EUCAD1.542TS OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000CV88N01	EUCAD1.572TS OPENZ	EUR	4,4550	4,4550	4,4550			4,4550					
Certificate	NL0011539507	EUCAD1.623TS OPENB	EUR	9,9450	9,9450	9,9450			9,9450					
Certificate	DE000CR9S170	EUCAD1.632TS OPENZ	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012771992	EUCAD1.663TS OPENB	EUR	12,6750	12,6750	12,6750			12,6750					
Certificate	LU1841119420	EUCHF 1.1TCIOPENS	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	LU1841119347	EUCHF 1.2TCIOPENS	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0012677348	EUCHF 1.2TS OPENB	EUR	9,4250	9,4250	9,4250			9,4250					
Certificate	LU1859906056	EUCHF 1.15TCIOPENS	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	LU1841119180	EUCHF 1.17TCIOPENS	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	LU1841119263	EUCHF 1.18TCIOPENS	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0010925558	EUCHF0.873TL OPENB	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	DE000CR6X9G9	EUCHF0.926TL OPENZ	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	DE000CR6X9F1	EUCHF1.006TL OPENZ	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	DE000CR6X9E4	EUCHF1.046TL OPENZ	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0011436340	EUCHF1.082TL OPENB	EUR	6,9150	6,9150	6,9150			6,9150					
Certificate	DE000CE6DVG5	EUCHF1.101TL OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0012280275	EUCHF1.122TL OPENB	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	LU1841119693	EUCHF1.125TCIOPENS	EUR											
Certificate	NL0012988968	EUCHF1.163TS OPENB	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	NL0012793277	EUCHF1.181TS OPENB	EUR	7,7250	7,7250	7,7250			7,7250					
Certificate	DE000CV88WB4	EUCHF1.203TS OPENZ	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CE6E507	EUCHF1.253TS OPENZ	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0000873503	EUCHF1.278TS OPENB	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	DE000CV4YTV8	EUCHF1.311TS OPENZ	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	LU1840909458	EUGBP 0.9TCIOPENS	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0013010713	EUGBP 0.9TS OPENB	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0011053145	EUGBP 0.68TL OPENH	EUR	24,3300	24,3300	24,3300			24,3300					
Certificate	LU1756001837	EUGBP 0.83TCIOPENS	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	LU1719706019	EUGBP 0.84TCIOPENS	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012099535	EUGBP 0.85TL OPENB	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0013154032	EUGBP 0.86TL OPENB	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0013154453	EUGBP 0.87TL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013149990	EUGBP 0.89TS OPENB	EUR											
Certificate	LU1651915529	EUGBP 0.92TCIOPENS	EUR	2,6500	2,6500	2,5100			2,5100					
Certificate	LU1790502857	EUGBP 0.93TCIOPENS	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	LU1790503079	EUGBP 0.96TCIOPENS	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0011053137	EUGBP0.736TL OPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	DE000CR6YL22	EUGBP0.745TL OPENZ	EUR	16,0950	16,0950	16,0950			16,0950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011242292	EUGBP0.758TL OPENH	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	DE000CR6XHL7	EUGBP0.765TL OPENZ	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	NL0011593454	EUGBP0.776TL OPENH	EUR	13,5800	13,5800	13,5800			13,5800					
Certificate	DE000CR6YA90	EUGBP0.785TL OPENZ	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	NL0012770424	EUGBP0.807TL OPENB	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0013007487	EUGBP0.823BL OPENB	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CN6JQM9	EUGBP0.824TL OPENZ	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	NL0013153133	EUGBP0.838TL OPENB	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0012693907	EUGBP0.843BL OPENB	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0011892963	EUGBP0.847TL OPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0011905625	EUGBP0.864BL OPENB	EUR	2,3600	2,6300	2,3500	236,0000	1	2,6300	100				
Certificate	DE000C3QDP8	EUGBP0.864TL OPENZ	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	LU1840909375	EUGBP0.895TPIOPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0013007503	EUGBP0.905BS OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012494306	EUGBP0.909TS OPENB	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012494314	EUGBP0.919TS OPENB	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CD62B09	EUGBP0.921TS OPENZ	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	NL0012488894	EUGBP0.925BS OPENB	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012988331	EUGBP0.929TS OPENB	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0012993646	EUGBP0.945BS OPENB	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CD614W6	EUGBP0.986TS OPENZ	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	DE000CV8AR73	EUGBP1.026TS OPENZ	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	NL0011741178	EUGBP1.042TS OPENH	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	DE000CD614X4	EUGBP1.065TS OPENZ	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	NL0011740915	EUGBP1.239TS OPENH	EUR	41,9200	41,9200	41,9200			41,9200					
Certificate	DE000CR6YL14	EUIPY110.3TL OPENZ	EUR	14,4850	14,4850	14,4850			14,4850					
Certificate	NL0013013949	EUIPY116.8TL OPENB	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	NL0012260491	EUIPY119.8TL OPENB	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000CD63UA1	EUIPY120.3TL OPENZ	EUR	6,7450	6,7450	6,7450			6,7450					
Certificate	NL0012991962	EUIPY125.8TL OPENB	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0013017841	EUIPY131.6TS OPENB	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012690242	EUIPY134.6TS OPENB	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CB1MY20	EUIPY139.4TS OPENZ	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0011053186	EUIPY140.3TS OPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0012497994	EUIPY140.6TS OPENB	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000CR4H963	EUIPY142.4TS OPENZ	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012681712	EUIPY143.6TS OPENB	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	DE000CR4H971	EUIPY145.4TS OPENZ	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CV4ZV64	EUIPY155.4TS OPENZ	EUR	20,5300	20,5300	20,5300			20,5300					
Certificate	DE000CN6EPU5	EUNOK10.47TS OPENZ	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000CE6FM71	EUNOK10.97TS OPENZ	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0010251971	EUNOK7.882TL OPENB	EUR	21,0650	21,0650	21,0650			21,0650					
Certificate	DE000CR6VAE5	EUNOK8.505TL OPENZ	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	DE000CR4H9F3	EUNOK8.813TL OPENZ	EUR	9,2950	9,2950	9,2950			9,2950					
Certificate	DE000CR6YAD7	EUNOK9.107TL OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CR4J9T2	EUNOK9.958TS OPENZ	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000CJ3PWX4	EURAU 1.63TS OPENZ	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0009485655	EURAU 1.66TS OPENB	EUR	9,0650	9,0650	9,0650			9,0650					
Certificate	NL0012993844	EURAU 1.69TS OPENB	EUR	10,9950	10,9950	10,9950			10,9950					
Certificate	DE000CE6BEL5	EURAU1.379TL OPENZ	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	NL0010129599	EURAU1.386TL OPENB	EUR	12,4050	12,4050	12,4050			12,4050					
Certificate	DE000CD62940	EURAU1.431TL OPENZ	EUR	7,9950	7,9950	7,9950			7,9950					
Certificate	DE000CE6C3C4	EURAU1.501TL OPENZ	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	NL0013153679	EURAU1.505TL OPENB	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	NL0012500441	EURAU1.535TL OPENB	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	NL0013149982	EURAU1.629TS OPENB	EUR	7,0050	7,0050	7,0050			7,0050					
Certificate	DE000CR9RNY4	EURAU1.691TS OPENZ	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CR9SD50	EURAU1.772TS OPENZ	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	DE000CV881A5	EURAU1.832TS OPENZ	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	DE000CV896Z0	EURCN6.393TL OPENZ	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CV88N19	EURCN6.806TL OPENZ	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CE6BR62	EURCN7.314TL OPENZ	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000CR9SD76	EURCN8.455TS OPENZ	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CE6D9N7	EURCN8.952TS OPENZ	EUR	14,0400	14,0400	14,0400			14,0400					
Certificate	DE000CD62XT7	EURON 5.1TL OPENZ	EUR	0,6600	0,6600	0,6600	4950,0000	2	0,6600	7500				
Certificate	DE000CJ3QAY6	EURON 3.79TL OPENZ	EUR											
Certificate	DE000CD635W1	EURON 4.34TL OPENZ	EUR											
Certificate	DE000CD62Z09	EURON 4.67TL OPENZ	EUR											
Certificate	DE000CD62FS6	EURON 5.53TL OPENZ	EUR											
Certificate	DE000CN6KXS0	EURON 5.96TL OPENZ	EUR											
Certificate	DE000CV87VH5	EURON 6.49TL OPENZ	EUR											
Certificate	DE000CV88ZN6	EURON 6.83TL OPENZ	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NVK8	EURON 7.06TL OPENZ	EUR											
Certificate	DE000CJ3QLL0	EURON 7.09TL OPENZ	EUR											
Certificate	NL0013158025	EURON 7.118L OPENB	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	NL0013158231	EURON 7.23TL OPENB	EUR	1,2600	1,2600	1,2600				1,2600				
Certificate	NL0013158033	EURON 7.368L OPENB	EUR	0,7200	0,7200	0,7200				0,7200				
Certificate	NL0013156102	EURON 7.368S OPENB	EUR											
Certificate	NL0013158249	EURON 7.48TL OPENB	EUR	1,0300	1,0300	1,0300				1,0300				
Certificate	NL0013153380	EURON 7.68TS OPENB	EUR											
Certificate	DE000CNGJ497	EURON 8.71TS OPENZ	EUR											
Certificate	NL0013004757	EURON 8.858S OPENB	EUR	0,9800	0,9800	0,9800				0,9800				
Certificate	DE000CNGJ067	EURON 9.36TS OPENZ	EUR											
Certificate	DE000CV89MD9	EURON 9.64TS OPENZ	EUR											
Certificate	DE000CV89L85	EURON10.36TS OPENZ	EUR											
Certificate	DE000CJ3QAH1	EURON3.764TL OPENZ	EUR											
Certificate	DE000CD62SZ4	EURON4.322TL OPENZ	EUR											
Certificate	DE000CNGK8Q4	EURON4.829TL OPENZ	EUR											
Certificate	DE000CNGHHD1	EURON5.443TL OPENZ	EUR	0,5000	0,5000	0,5000	2000,0000	1	0,5000	4000				
Certificate	NL0012028070	EURON5.5578L OPENB	EUR	2,5200	2,5200	2,5200				2,5200				
Certificate	DE000CE6EFB7	EURON5.832TL OPENZ	EUR											
Certificate	NL0012019830	EURON5.8528L OPENB	EUR	2,2200	2,2200	2,2200				2,2200				
Certificate	NL0012996342	EURON6.222TL OPENB	EUR	2,1900	2,1900	2,1900				2,1900				
Certificate	DE000CE6ENN6	EURON6.333TL OPENZ	EUR				442,5000	1						
Certificate	NL0012989610	EURON6.3618L OPENB	EUR	1,7700	1,7700	1,7200				1,7200	250			
Certificate	NL0012993208	EURON6.476TL OPENB	EUR	1,9600	1,9600	1,9600				1,9600				
Certificate	NL0012990386	EURON6.6128L OPENB	EUR	1,4700	1,4700	1,4700				1,4700				
Certificate	NL0012993216	EURON6.728TL OPENB	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	NL0012990691	EURON6.8638L OPENB	EUR	1,2200	1,2200	1,2200				1,2200				
Certificate	NL0013000680	EURON6.978TL OPENB	EUR	1,4900	1,4900	1,4900				1,4900				
Certificate	NL0013152267	EURON7.8528S OPENB	EUR											
Certificate	NL0013151962	EURON8.179TS OPENB	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	NL0013149511	EURON8.3518S OPENB	EUR	0,4800	0,4800	0,4800				0,4800				
Certificate	DE000CJ3QAJ7	EURON8.359TS OPENZ	EUR											
Certificate	NL0013004237	EURON8.663TS OPENB	EUR	1,3900	1,3900	1,3900				1,3900				
Certificate	NL0010131744	EUTRY 3.84TL OPENB	EUR	3,9500	3,9500	3,9500				3,9500				
Certificate	NL0013012354	EUTRY 8.11TS OPENB	EUR	48,4000	48,4000	48,4000				48,4000				
Certificate	NL0009409283	EUTRY3.584TL OPENB	EUR	4,3500	4,3500	4,3500				4,3500				
Certificate	NL0011904396	EUTRY4.546TL OPENB	EUR	28,3200	28,3200	28,3200				28,3200				
Certificate	NL0012280283	EUTRY4.964TL OPENB	EUR	21,7300	21,7300	21,7300				21,7300				
Certificate	NL0012500466	EUTRY5.058TL OPENB	EUR	20,2600	20,2600	20,2600				20,2600				
Certificate	NL0012503643	EUTRY5.115TL OPENB	EUR	19,3600	19,3600	19,3600				19,3600				
Certificate	NL0012510531	EUTRY5.225TL OPENB	EUR	17,6300	17,6300	17,6300				17,6300				
Certificate	NL0012511802	EUTRY5.282TL OPENB	EUR	16,7300	16,7300	16,7300				16,7300				
Certificate	NL001277064	EUTRY5.324TL OPENB	EUR	16,0500	16,0500	16,0500				16,0500				
Certificate	NL0012781496	EUTRY5.425TL OPENB	EUR	14,4600	14,4600	14,4600				14,4600				
Certificate	NL0012781876	EUTRY5.491TL OPENB	EUR	13,4300	13,4300	13,4300				13,4300				
Certificate	NL0012791560	EUTRY5.671TL OPENB	EUR	10,5800	10,5800	10,5800				10,5800				
Certificate	NL0012979801	EUTRY5.768TL OPENB	EUR	9,0600	9,0600	9,0600				9,0600				
Certificate	NL0012979819	EUTRY5.833TL OPENB	EUR	8,0300	8,0300	8,0300				8,0300				
Certificate	NL0013157027	EUTRY6.351TS OPENB	EUR	15,4800	15,4800	15,4800				15,4800				
Certificate	NL0013154479	EUTRY6.501TS OPENB	EUR	18,6200	18,6200	18,6200				18,6200				
Certificate	NL0013150006	EUTRY6.651TS OPENB	EUR	21,7200	21,7200	21,7200				21,7200				
Certificate	NL0013018930	EUTRY6.834TS OPENB	EUR	25,0600	25,0600	25,0600				25,0600				
Certificate	NL0013013956	EUTRY7.024TS OPENB	EUR	28,5400	28,5400	28,5400				28,5400				
Certificate	NL0013012339	EUTRY7.194TS OPENB	EUR	31,6500	31,6500	31,6500				31,6500				
Certificate	NL0013012347	EUTRY7.652TS OPENB	EUR	40,0300	40,0300	40,0300				40,0300				
Certificate	NL0012993950	EUTRY8.584TS OPENB	EUR	57,0700	57,0700	57,0700				57,0700				
Certificate	NL0012989313	EUTRY8.984TS OPENB	EUR	64,3900	64,3900	64,3900				64,3900				
Certificate	DE000CE6CDQ4	EUUSD LEVOPENZ	EUR	7,7000	7,7000	7,7000				7,7000				
Certificate	DE000CE6CDR2	EUUSD SHROPENZ	EUR	5,3550	5,3550	5,3550				5,3550				
Certificate	DE000CXQKXK8	EUUSD 1TL OPENC	EUR	2,7800	2,7800	2,7800				2,7800				
Certificate	DE000CYAQB1	EUUSD 1TL OPENC	EUR	4,3400	4,3400	4,3400				4,3400				
Certificate	NL0013180540	EUUSD 1TL OPENH	EUR	12,1600	12,1600	12,1600				12,1600				
Certificate	DE000CYAQH8	EUUSD 0.9TL OPENC	EUR	13,8800	13,8800	13,8800				13,8800				
Certificate	DE000CJ3NYP1	EUUSD 1.1SWT0119Z	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	LU1816970591	EUUSD 1.1TCIOPEN	EUR	1,6900	1,6900	1,6900				1,6900				
Certificate	DE000CJ3NK83	EUUSD 1.1TL 1218Z	EUR	0,3250	0,3250	0,3250				0,3250				
Certificate	DE000CY16ZL1	EUUSD 1.1TL OPENC	EUR											
Certificate	NL0012851976	EUUSD 1.1TL OPENH	EUR	2,7700	3,2900	2,7700	554,0000	1	3,2900	200				
Certificate	DE000CJ3PKC3	EUUSD 1.1TL OPENZ	EUR	3,0500	3,0500	3,0500				3,0500				
Certificate	NL0012094981	EUUSD 1.1TRLOPENH	EUR	2,5700	3,3200	2,5700	2527,7400	15		850				
Certificate	NL0012791339	EUUSD 1.28S OPENB	EUR	5,9350	5,9350	5,9350				5,9350				
Certificate	NL0012609648	EUUSD 1.2TL OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012609382	EUUSD 1.2TRLOPENH	EUR											
Certificate	NL0012861728	EUUSD 1.2TRSOPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CQ58212	EUUSD 1.2TS OPENC	EUR	5,8200	5,8200	5,8200				5,8200				
Certificate	DE000CQ58BA2	EUUSD 1.2TS OPENC	EUR	6,7000	6,7000	6,7000				6,7000				
Certificate	DE000VA2T8T0	EUUSD 1.2TS OPENV	EUR	8,1450	8,1450	8,1450				8,1450				
Certificate	DE000CV88WC2	EUUSD 1.2TS OPENZ	EUR	5,8400	5,8400	5,8400				5,8400				
Certificate	LU1695122132	EUUSD 1.3TPIOPENS	EUR	14,3800	14,3800	14,3800				14,3800				
Certificate	NL0013132731	EUUSD 1.3TRSOPENH	EUR	14,7100	14,7100	14,7100				14,7100				
Certificate	DE000CY52XC0	EUUSD 1.3TS OPENC	EUR	14,3600	14,3600	14,3600				14,3600				
Certificate	NL0013182280	EUUSD 1.3TS OPENH	EUR	15,2000	15,2000	15,2000				15,2000				
Certificate	NL0012852255	EUUSD 0.87TL OPENH	EUR	23,5300	23,5300	23,5300				23,5300				
Certificate	DE000CY0AQG0	EUUSD 0.92TL OPENC	EUR	11,9700	11,9700	11,9700				11,9700				
Certificate	DE000CJ3PNB9	EUUSD 0.94TL 1218Z	EUR	1,7350	1,7350	1,7350				1,7350				
Certificate	NL0012107593	EUUSD 0.94TL OPENB	EUR	18,0800	18,6050	18,0800	940,1600	1	18,6050		52			
Certificate	DE000CY0AQF2	EUUSD 0.94TL OPENC	EUR	10,0500	10,0500	10,0500				10,0500				
Certificate	DE000CY0AQE5	EUUSD 0.95TL OPENC	EUR	9,1200	9,1200	9,1200				9,1200				
Certificate	DE000CY0AQD7	EUUSD 0.96TL OPENC	EUR	8,1500	8,1500	8,1500				8,1500				
Certificate	NL0013180581	EUUSD 0.96TL OPENH	EUR	15,6700	15,6700	15,6700				15,6700				
Certificate	DE000CJ3NT27	EUUSD 0.98TL 1218Z	EUR	1,3850	1,3850	1,3850				1,3850				
Certificate	DE000CY0AQC9	EUUSD 0.98TL OPENC	EUR	6,2200	6,2200	6,2200				6,2200				
Certificate	NL0013180565	EUUSD 0.98TL OPENH	EUR	13,9100	13,9100	13,9100				13,9100				
Certificate	DE000CY50T23	EUUSD 0.99TL OPENC	EUR	8,1700	8,1700	8,1700				8,1700				
Certificate	DE000CY50TY6	EUUSD 1.01TL OPENC	EUR	6,2900	6,2900	6,2900				6,2900				
Certificate	NL0013083892	EUUSD 1.01TRLOPENH	EUR	11,0700	11,0700	11,0700				11,0700				
Certificate	DE000CJ3NT35	EUUSD 1.02TL 1218Z	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000CX592M1	EUUSD 1.02TL OPENC	EUR	1,2800	1,2800	1,2800				1,2800				
Certificate	NL0012089189	EUUSD 1.02TL OPENH	EUR	9,7500	10,3300	9,7500	9750,0000	2	10,3300		1000			
Certificate	DE000CY50TX8	EUUSD 1.03TL OPENC	EUR	4,4400	4,4400	4,4400				4,4400				
Certificate	DE000VN658J5	EUUSD 1.03TL OPENV	EUR	3,2150	3,2150	3,2150				3,2150				
Certificate	NL0013083876	EUUSD 1.03TRLOPENH	EUR	9,3000	9,3000	9,3000				9,3000				
Certificate	DE000CY0AW11	EUUSD 1.04TL OPENC	EUR											
Certificate	NL0013180524	EUUSD 1.04TL OPENH	EUR	8,6400	8,6400	8,6400				8,6400				
Certificate	DE000CY50TW0	EUUSD 1.05TL OPENC	EUR	2,5400	2,5400	2,5400				2,5400				
Certificate	DE000CY16SW3	EUUSD 1.05TL OPENC	EUR											
Certificate	DE000CJ3NK75	EUUSD 1.06TL 1218Z	EUR	0,6750	0,6750	0,6750				0,6750				
Certificate	NL0010930921	EUUSD 1.06TL OPENB	EUR	8,2750	8,2750	8,2750				8,2750				
Certificate	NL0013084692	EUUSD 1.06TRLOPENH	EUR	6,6500	6,6500	6,6500				6,6500				
Certificate	DE000CJ3NYQ9	EUUSD 1.07SWT0119Z	EUR	9,3900	9,3900	9,3900				9,3900				
Certificate	DE000CQ58B40	EUUSD 1.07TL OPENC	EUR	4,2100	4,2100	4,2100				4,2100				
Certificate	DE000CQ58125	EUUSD 1.07TL OPENC	EUR	3,3200	3,3200	3,3200				3,3200				
Certificate	NL0013083850	EUUSD 1.07TRLOPENH	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	DE000CJ3PNC7	EUUSD 1.08TL 1218Z	EUR	0,5050	0,5050	0,5050				0,5050				
Certificate	DE000CQ58B57	EUUSD 1.08TL OPENC	EUR	3,3100	3,3100	3,3100				3,3100				
Certificate	DE000CQ5AW95	EUUSD 1.09TL OPENC	EUR	2,0000	2,0000	2,0000				2,0000				
Certificate	NL0013180516	EUUSD 1.09TL OPENH	EUR	4,2500	4,2500	4,2500				4,2500				
Certificate	DE000CY50TT6	EUUSD 1.11TL OPENC	EUR											
Certificate	NL0013180433	EUUSD 1.11TL OPENH	EUR	2,4900	2,4900	2,4900				2,4900				
Certificate	DE000CV8AVK8	EUUSD 1.11TL OPENZ	EUR	2,1500	2,1500	2,1500				2,1500				
Certificate	NL0013133465	EUUSD 1.11TRLOPENH	EUR	2,2900	2,2900	2,2900				2,2900				
Certificate	NL0012988794	EUUSD 1.12BL OPENB	EUR	0,9200	1,3450	0,7950	4738,0000	8	1,3450		5600			
Certificate	NL0013182314	EUUSD 1.12TL OPENH	EUR	1,6800	1,6800	1,6800				1,6800				
Certificate	DE000CJ3QDR4	EUUSD 1.13TL OPENZ	EUR											
Certificate	NL0013183353	EUUSD 1.13TRLOPENH	EUR											
Certificate	DE000CJ3QLA3	EUUSD 1.14TS OPENZ	EUR	0,9550	0,9550	0,9550				0,9550				
Certificate	NL0013152093	EUUSD 1.15BS OPENB	EUR	2,0400	2,1100	1,4400	12857,5000	5	1,5150		6650			
Certificate	DE000CY52996	EUUSD 1.15TL OPENC	EUR											
Certificate	NL0013151764	EUUSD 1.15TS OPENB	EUR	3,5400	3,5400	3,4650	17700,0000	1	3,4650		5000			
Certificate	NL0013182306	EUUSD 1.15TS OPENH	EUR	1,9200	1,9200	1,9200				1,9200				
Certificate	DE000CJ3P687	EUUSD 1.15TS OPENZ	EUR	2,0400	2,0400	1,3950	1981,8000	5	1,3950		1095			
Certificate	NL0013017411	EUUSD 1.16BS OPENB	EUR	2,3950	2,3950	2,3950				2,3950				
Certificate	NL0013085640	EUUSD 1.16TRSOPENH	EUR	2,3600	2,3600	2,3600				2,3600				
Certificate	DE000VA9CWT3	EUUSD 1.16TS OPENV	EUR	2,2850	2,2850	2,2850				2,2850				
Certificate	DE000CJ3PE06	EUUSD 1.16TS OPENZ	EUR	2,2850	2,2850	2,2850				2,2850				
Certificate	NL0013013774	EUUSD 1.17BS OPENB	EUR	3,2950	3,2950	3,2950				3,2950				
Certificate	NL0013086903	EUUSD 1.17TRSOPENH	EUR	3,2400	3,2400	3,2400				3,2400				
Certificate	NL0012906366	EUUSD 1.17TRSOPENH	EUR	3,2400	3,2400	3,2400				3,2400				
Certificate	DE000CJ3PAW2	EUUSD 1.17TS 1218Z	EUR	0,3050	0,3050	0,3050				0,3050				
Certificate	NL0012906689	EUUSD 1.17TS OPENH	EUR	3,6700	3,6800	3,6700	7340,0000	1	3,6800		2000			
Certificate	DE000CJ3PCJ5	EUUSD 1.17TS OPENZ	EUR	3,1700	3,1700	3,1700				3,1700				
Certificate	NL0013004336	EUUSD 1.18BS OPENB	EUR	4,1750	4,1750	4,1750				4,1750				
Certificate	NL0012905715	EUUSD 1.18TRSOPENH	EUR	4,1300	4,1300	4,1300				4,1300				
Certificate	DE000CJ3NVX1	EUUSD 1.18TS OPENZ	EUR	4,0650	4,0650	4,0650				4,0650				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012792535	EUUSD 1.19BS OPENB	EUR	5,0550	5,0550	5,0550			5,0550					
Certificate	NL0012922843	EUUSD 1.19TRSOPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012863773	EUUSD 1.19TRSOPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CJ3NL88	EUUSD 1.19TS 1218Z	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CQ58B99	EUUSD 1.19TS OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CQ58204	EUUSD 1.19TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012862114	EUUSD 1.19TS OPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000VA3ECE6	EUUSD 1.19TS OPENV	EUR	7,2350	7,2350	7,2350			7,2350					
Certificate	DE000CV89254	EUUSD 1.19TS OPENZ	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	NL0012788178	EUUSD 1.21BS OPENB	EUR	6,8050	6,8050	6,8050			6,8050					
Certificate	DE000CJ3NLC6	EUUSD 1.21TS 1218Z	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CQ58B80	EUUSD 1.21TS OPENC	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CQ58220	EUUSD 1.21TS OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0012846638	EUUSD 1.21TS OPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000VA2T8V6	EUUSD 1.21TS OPENV	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	DE000CV88N27	EUUSD 1.21TS OPENZ	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0012786347	EUUSD 1.22BS OPENB	EUR	7,6850	7,6850	7,6850			7,6850					
Certificate	DE000CQ5AWC6	EUUSD 1.22TS OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CQ5AW20	EUUSD 1.22TS OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0012613632	EUUSD 1.22TS OPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000VA2T8X2	EUUSD 1.22TS OPENV	EUR	9,9550	9,9550	9,9550			9,9550					
Certificate	DE000CV88KW5	EUUSD 1.22TS OPENZ	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CJ3NLD4	EUUSD 1.23TS 1218Z	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CQ5AW38	EUUSD 1.23TS OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CQ5AWD4	EUUSD 1.23TS OPENC	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000VA2T8Z7	EUUSD 1.23TS OPENV	EUR	10,8550	10,8550	10,8550			10,8550					
Certificate	DE000CV88K04	EUUSD 1.23TS OPENZ	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CQ5AW46	EUUSD 1.24TS OPENC	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000CQ5AWE2	EUUSD 1.24TS OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0012609036	EUUSD 1.24TS OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000VA2T810	EUUSD 1.24TS OPENV	EUR	11,7450	11,7450	11,7450			11,7450					
Certificate	DE000CV88H33	EUUSD 1.24TS OPENZ	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	NL0012677231	EUUSD 1.25BS OPENB	EUR	10,3250	10,3250	10,3250			10,3250					
Certificate	LU1719404607	EUUSD 1.25TPIOPENS	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000CQ5AW53	EUUSD 1.25TS OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CY50U52	EUUSD 1.25TS OPENC	EUR											
Certificate	DE000CQ5AWF9	EUUSD 1.25TS OPENC	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000CV886D8	EUUSD 1.25TS OPENZ	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0012672749	EUUSD 1.26BS OPENB	EUR	11,2050	11,2050	11,2050			11,2050					
Certificate	LU1695201944	EUUSD 1.26TPIOPENS	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0012560254	EUUSD 1.26TS OPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000V12FQ76	EUUSD 1.26TS OPENV	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	DE000CF6E2D2	EUUSD 1.26TS OPENZ	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	LU1695202165	EUUSD 1.27TPIOPENS	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	DE000CJ3NLE2	EUUSD 1.27TS 1218Z	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CY52XN7	EUUSD 1.27TS OPENC	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000CY50U60	EUUSD 1.27TS OPENC	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	DE000CY52XF3	EUUSD 1.27TS OPENC	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000V12FQ92	EUUSD 1.27TS OPENV	EUR	11,9850	11,9850	11,9850			11,9850					
Certificate	DE000CF6E523	EUUSD 1.27TS OPENZ	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	LU1695202249	EUUSD 1.28TPIOPENS	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CY52XE6	EUUSD 1.28TS OPENC	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000CY16ZQ0	EUUSD 1.28TS OPENC	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	LU1695202322	EUUSD 1.29TPIOPENS	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	DE000CY50U78	EUUSD 1.29TS OPENC	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CY52XM9	EUUSD 1.29TS OPENC	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	DE000CY52XD8	EUUSD 1.29TS OPENC	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0013134281	EUUSD 1.29TS OPENH	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	DE000CJ3NLF9	EUUSD 1.31TS 1218Z	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CY50U86	EUUSD 1.31TS OPENC	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	DE000CY52XB2	EUUSD 1.31TS OPENC	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CQ5AWG7	EUUSD 1.31TS OPENC	EUR	16,2200	16,2200	16,2200			16,2200					
Certificate	NL0013184914	EUUSD 1.31TS OPENH	EUR	16,0800	16,0800	16,0800			16,0800					
Certificate	NL0013131535	EUUSD 1.32TRSOPENH	EUR	16,4500	16,4500	16,4500			16,4500					
Certificate	DE000CQ5AWH5	EUUSD 1.32TS OPENC	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	DE000CY52XA4	EUUSD 1.32TS OPENC	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	DE000CY52X99	EUUSD 1.33TS OPENC	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	DE000CY52X81	EUUSD 1.34TS OPENC	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	DE000CY50U94	EUUSD 1.34TS OPENC	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	DE000CJ3NT43	EUUSD 1.35TS 1218Z	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000CY52XL1	EUUSD 1.35TS OPENC	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	DE000CY52X73	EUUSD 1.35TS OPENC	EUR	18,7500	18,7500	18,7500			18,7500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0009755081	EUUSD 1.36TS OPENB	EUR	22,4000	22,4000	22,4000			22,4000					
Certificate	DE000CZ7DV89	EUUSD 1.45TS OPENZ	EUR	27,8000	27,8000	27,8000			27,8000					
Certificate	DE000CV87HF8	EUUSD 1.49TS OPENZ	EUR	31,3200	31,3200	31,3200			31,3200					
Certificate	NL0012907372	EUUSD.8309TRLOPENH	EUR	26,8500	26,8500	26,8500			26,8500					
Certificate	NL0012906101	EUUSD.8511TRLOPENH	EUR	25,0800	25,0800	25,0800			25,0800					
Certificate	NL0012898902	EUUSD.8777TRLOPENH	EUR	22,7300	22,7300	22,7300			22,7300					
Certificate	NL0012906093	EUUSD.9015TRLOPENH	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	NL0012904478	EUUSD.9221TRLOPENH	EUR	18,8100	18,8100	18,8100			18,8100					
Certificate	NL0012906085	EUUSD.9467TRLOPENH	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	NL0012898886	EUUSD.9634TRLOPENH	EUR	15,1800	15,1800	15,1800			15,1800					
Certificate	NL0013127897	EUUSD.9735TRLOPENH	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	NL0013087778	EUUSD.9791TRLOPENH	EUR	13,7900	13,7900	13,7900			13,7900					
Certificate	NL0013086911	EUUSD.9842TRLOPENH	EUR	13,3400	13,3400	13,3400			13,3400					
Certificate	NL0013083918	EUUSD.9999TRLOPENH	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	NL0012089304	EUUSD0.816TL OPENH	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0012089296	EUUSD0.826TL OPENH	EUR	27,3300	27,3300	27,3300			27,3300					
Certificate	NL0012091367	EUUSD0.849TL OPENH	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	NL0011593496	EUUSD0.853TL OPENH	EUR	25,7700	25,7700	25,7700			25,7700					
Certificate	NL0012852222	EUUSD0.895TL OPENH	EUR	21,3000	21,3000	21,3000			21,3000					
Certificate	NL0012852180	EUUSD0.915TL OPENH	EUR	19,5300	19,5300	19,5300			19,5300					
Certificate	DE000CV8ATU1	EUUSD0.932TL OPENZ	EUR	17,8500	17,8500	17,8500			17,8500					
Certificate	NL0011231253	EUUSD0.936TL OPENH	EUR	18,5000	18,5000	18,5000			18,5000					
Certificate	NL0012852156	EUUSD0.941TL OPENH	EUR	17,2300	17,2300	17,2300			17,2300					
Certificate	NL0012852123	EUUSD0.966TL OPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	DE000CD64DQ1	EUUSD0.973TL OPENZ	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0013180573	EUUSD0.975TL OPENH	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	NL0012091342	EUUSD0.988TL OPENH	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	NL0012904460	EUUSD0.993TRLOPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0013180557	EUUSD0.995TL OPENH	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	LU1756896566	EUUSD1.001TCIOPENS	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000CR6YKU0	EUUSD1.005TL OPENZ	EUR	11,4550	11,4550	11,4550			11,4550					
Certificate	NL0013083900	EUUSD1.005TRLOPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0012089197	EUUSD1.009TL OPENH	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0010930905	EUUSD1.014TL OPENB	EUR	12,2550	12,2550	12,2550			12,2550					
Certificate	NL0013180532	EUUSD1.015TL OPENH	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	NL0012898860	EUUSD1.019TRLOPENH	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	DE000CV8ATV9	EUUSD1.024TL OPENZ	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013083884	EUUSD1.025TRLOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0012852057	EUUSD1.028TL OPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	LU1756896723	EUUSD1.031TCIOPENS	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012852040	EUUSD1.033TL OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0013078199	EUUSD1.036TRLOPENH	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VN66LF1	EUUSD1.038TL OPENV	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000VN66LH7	EUUSD1.043TL OPENV	EUR	1,8000	2,3050	1,8000	45,0000	1	2,3050	25				
Certificate	NL0013130792	EUUSD1.043TRLOPENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0012903892	EUUSD1.045TL OPENH	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	DE000CR6YKV8	EUUSD1.045TL OPENZ	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VN66LK1	EUUSD1.048TL OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0012904452	EUUSD1.048TRLOPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000VN66LL9	EUUSD1.053TL OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CD646V0	EUUSD1.055TL OPENZ	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0013083868	EUUSD1.055TRLOPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000VN66LA2	EUUSD1.056TL OPENV	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0012102560	EUUSD1.057BL OPENB	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	NL0011046560	EUUSD1.057TRLOPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012896047	EUUSD1.058TL OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	LU1756897028	EUUSD1.061TCIOPENS	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000VA9CWU1	EUUSD1.062TL OPENV	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	NL0012089130	EUUSD1.063TL OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011046172	EUUSD1.063TRLOPENH	EUR											
Certificate	NL0011041371	EUUSD1.064TL OPENH	EUR											
Certificate	DE000VA9CW69	EUUSD1.064TL OPENV	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	DE000CR6YKW6	EUUSD1.065TL OPENZ	EUR	6,1450	6,1450	6,1450			6,1450					
Certificate	NL0013082407	EUUSD1.065TRLOPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0011421037	EUUSD1.066TRLOPENH	EUR	5,6200	6,1000	5,6200	11240,0000	2	6,1000	2000				
Certificate	DE000VA9CWW7	EUUSD1.067TL OPENV	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0011046925	EUUSD1.071TL OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000VA9CWX5	EUUSD1.072TL OPENV	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	DE000VA87D55	EUUSD1.073TL OPENV	EUR	6,9650	6,9650	6,9650			6,9650					
Certificate	NL0012852008	EUUSD1.074TL OPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CD63UB9	EUUSD1.075TL OPENZ	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000VASRER1	EUUSD1.076TL OPENV	EUR	3,9550	3,9550	3,9550			3,9550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA87DW6	EUUSD1.076TL OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0012198253	EUUSD1.076TRL OPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000VASREM2	EUUSD1.077TL OPENV	EUR	5,7750	5,7750	5,7750			5,7750					
Certificate	DE000VA87D63	EUUSD1.078TL OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0012089114	EUUSD1.079TL OPENH	EUR	4,5900	5,1200	4,5900	9180,0000	1	5,1200	2000				
Certificate	LU1756897374	EUUSD1.081TCIOPENS	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000VA8F535	EUUSD1.081TL OPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000VASREN0	EUUSD1.082TL OPENV	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	NL0012178131	EUUSD1.082TRL OPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012102545	EUUSD1.083TL OPENB	EUR	5,7000	6,3050	5,7000	17100,0000	1	6,3050	3000				
Certificate	DE000CJ3P968	EUUSD1.083TL OPENZ	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0012851992	EUUSD1.084TL OPENH	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0013152077	EUUSD1.086BL OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	DE000VASREP5	EUUSD1.087TL OPENV	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000CR6Y9Y1	EUUSD1.088TL OPENZ	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012178123	EUUSD1.088TRL OPENH	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0013153448	EUUSD1.091BL OPENB	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000VASREQ3	EUUSD1.092TL OPENV	EUR	4,4650	4,4650	4,4650			4,4650					
Certificate	NL0011041421	EUUSD1.094TL OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012095228	EUUSD1.094TRL OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013180508	EUUSD1.095TL OPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CV8A2R8	EUUSD1.095TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0013152085	EUUSD1.096BL OPENB	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	NL0013152374	EUUSD1.097TL OPENB	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	DE000VA4Y147	EUUSD1.097TL OPENV	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	NL0013017403	EUUSD1.101BL OPENB	EUR	2,5500	3,0550	2,4550	2796,0000	2	3,0550	1100				
Certificate	NL0013180490	EUUSD1.102TL OPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013180482	EUUSD1.103TL OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0013134034	EUUSD1.103TRL OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0013180474	EUUSD1.104TL OPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0013134026	EUUSD1.104TRL OPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	LU1816970674	EUUSD1.105TCIOPENS	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013180466	EUUSD1.105TL OPENH	EUR	2,3700	2,9300	2,2800	131170,0000	16	2,9300	56000				
Certificate	DE000CN6G9M7	EUUSD1.105TL OPENZ	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0010930947	EUUSD1.106TL OPENB	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	NL0012089072	EUUSD1.106TL OPENH	EUR	2,2900	2,7700	2,2900	11450,0000	1	2,7700	5000				
Certificate	NL0012176713	EUUSD1.106TRL OPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0013016132	EUUSD1.107BL OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0013152382	EUUSD1.107TL OPENB	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	NL0013180458	EUUSD1.107TL OPENH	EUR	2,2800	2,7500	2,2800	11400,0000	1	2,7500	5000				
Certificate	NL0013180441	EUUSD1.108TL OPENH	EUR	2,1900	2,6600	2,1900	10950,0000	1	2,6600	5000				
Certificate	NL0012176697	EUUSD1.108TRL OPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL001313085	EUUSD1.109TL OPENH	EUR	2,0900	2,5600	2,0900	10450,0000	1	2,5600	5000				
Certificate	DE000VA8F022	EUUSD1.109TL OPENV	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	NL0013180425	EUUSD1.111TL OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013133457	EUUSD1.111TRL OPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0011081849	EUUSD1.112BL OPENB	EUR	1,6300	2,2100	1,6250	18560,0000	3	2,1850	11000				
Certificate	NL0013133077	EUUSD1.112TL OPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012176663	EUUSD1.112TRL OPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013180920	EUUSD1.113TL OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013132905	EUUSD1.114TL OPENH	EUR	1,8600	2,1100	1,8600	9300,0000	1	2,1100	5000				
Certificate	NL0012176655	EUUSD1.114TRL OPENH	EUR	1,4700	1,9400	1,4700	294,0000	1	1,9400	200				
Certificate	NL0013182140	EUUSD1.114TRL OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013180912	EUUSD1.115TL OPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012105050	EUUSD1.116TL OPENB	EUR	2,8400	3,3850	2,8350	426,0000	1	3,3850	150				
Certificate	NL0012089056	EUUSD1.116TL OPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CR9NZF6	EUUSD1.116TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012091763	EUUSD1.116TRL OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012195887	EUUSD1.117TL OPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012195689	EUUSD1.117TRL OPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013182322	EUUSD1.118TL OPENH	EUR	1,9000	1,9000	1,8500	2280,0000	1	1,8500	1200				
Certificate	NL0012195671	EUUSD1.118TRL OPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012195879	EUUSD1.119TL OPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012195663	EUUSD1.119TRL OPENH	EUR	0,8000	1,4200	0,8000	160,0000	1	1,4200	200				
Certificate	NL0013154040	EUUSD1.121TL OPENB	EUR	2,4400	3,1150	2,4400	42002,4400	3	2,9950	15001				
Certificate	NL0012089049	EUUSD1.121TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV8ATW7	EUUSD1.121TL OPENZ	EUR	0,7300	1,2550	0,6900	20620,0000	12	1,2550	28000				
Certificate	NL0012091755	EUUSD1.121TRL OPENH	EUR	1,4000	1,4000	1,2900	420,0000	1	1,2900	300				
Certificate	NL0013184997	EUUSD1.122TL OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012095210	EUUSD1.122TRL OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0013182769	EUUSD1.123TL OPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012200794	EUUSD1.123TRL OPENH	EUR	0,6100	1,1400	0,6100	541,6800	1	1,1400	888				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013184989	EUUSD1.124TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000VA9C266	EUUSD1.124TL OPENV	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	NL0013182637	EUUSD1.124TRL OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013184971	EUUSD1.125TL OPENH	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CJ3QKF4	EUUSD1.125TL OPENZ	EUR											
Certificate	NL0013182629	EUUSD1.125TRL OPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013154461	EUUSD1.126TL OPENB	EUR	2,0500	2,5750	1,9500	14277,9500	3	2,5750	6999				
Certificate	NL0013182751	EUUSD1.126TL OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0013182611	EUUSD1.126TRL OPENH	EUR	0,2700	0,8500	0,2700	377,0000	2	0,8500	600				
Certificate	NL0013184963	EUUSD1.127TL OPENH	EUR											
Certificate	NL0013182603	EUUSD1.127TRL OPENH	EUR	0,2700	0,2700	0,2700	94,5000	1	0,2700	350				
Certificate	NL0013184955	EUUSD1.128TL OPENH	EUR											
Certificate	NL0013182595	EUUSD1.128TRL OPENH	EUR											
Certificate	NL0013183718	EUUSD1.129TL OPENH	EUR											
Certificate	NL0013182587	EUUSD1.129TRL OPENH	EUR											
Certificate	NL0013155591	EUUSD1.131TL OPENB	EUR											
Certificate	NL0013183346	EUUSD1.131TRL OPENH	EUR											
Certificate	NL0013183338	EUUSD1.132TRL OPENH	EUR											
Certificate	NL0013185853	EUUSD1.143TRS OPENH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013186059	EUUSD1.143TS OPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013185846	EUUSD1.144TRS OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013186042	EUUSD1.144TS OPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013185838	EUUSD1.145TRS OPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0013186034	EUUSD1.145TS OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013185820	EUUSD1.146TRS OPENH	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0013186026	EUUSD1.146TS OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013010705	EUUSD1.147TL OPENB	EUR											
Certificate	NL0013185812	EUUSD1.147TRS OPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013186018	EUUSD1.147TS OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0013132756	EUUSD1.148TRS OPENH	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013132897	EUUSD1.148TS OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013132749	EUUSD1.149TRS OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013180870	EUUSD1.149TS OPENH	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0013126022	EUUSD1.151TRS OPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0013126410	EUUSD1.151TS OPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VA9CW51	EUUSD1.151TS OPENV	EUR	3,5450	3,5450	3,5450			3,5450					
Certificate	NL0013126014	EUUSD1.152TRS OPENH	EUR	2,1500	2,2700	1,6400	12256,0000	10	1,6400	5650				
Certificate	NL0013126006	EUUSD1.153TRS OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013182298	EUUSD1.153TS OPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0013087737	EUUSD1.154TRS OPENH	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0013186000	EUUSD1.154TS OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0013124415	EUUSD1.154TS OPENH	EUR	2,8400	2,9200	2,3100	287210,0000	27	2,3100	101000				
Certificate	NL0013087729	EUUSD1.155TRS OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VA9CW55	EUUSD1.155TS OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000CJ3QED2	EUUSD1.155TS OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	NL0013087711	EUUSD1.156TRS OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013184948	EUUSD1.156TS OPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VA8F4F8	EUUSD1.156TS OPENV	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	NL0013087703	EUUSD1.157TRS OPENH	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013124407	EUUSD1.157TS OPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0013087695	EUUSD1.158TRS OPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	LU1859833581	EUUSD1.159TPIO PENS	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0013085657	EUUSD1.159TRS OPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0013185150	EUUSD1.159TS OPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0013125636	EUUSD1.159TS OPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012970065	EUUSD1.161TL OPENB	EUR											
Certificate	NL0013085632	EUUSD1.161TRS OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0013013964	EUUSD1.161TS OPENB	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	NL0013087349	EUUSD1.161TS OPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VA8FXV2	EUUSD1.161TS OPENV	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0013085624	EUUSD1.162TRS OPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013085616	EUUSD1.163TRS OPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013184930	EUUSD1.163TS OPENH	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013085608	EUUSD1.164TRS OPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0013184922	EUUSD1.164TS OPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012907356	EUUSD1.165TRS OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012907570	EUUSD1.165TS OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA8FZ80	EUUSD1.165TS OPENV	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CJ3NZQ6	EUUSD1.165TS OPENZ	EUR	3,2700	3,2700	2,7200	3270,0000	1	2,7200	1000				
Certificate	DE000VA7PVC7	EUUSD1.166TS OPENV	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0012907349	EUUSD1.167TRS OPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0013130107	EUUSD1.167TRS OPENH	EUR	2,9600	2,9600	2,9600			2,9600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013084684	EUUSD1.168TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012907562	EUUSD1.168TS OPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000VA8FRX0	EUUSD1.169TS OPENV	EUR	3,1700	3,1750	3,1550	95,1000	1	3,1550	30				
Certificate	LU1840909615	EUUSD1.171TPIOPENS	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0013083835	EUUSD1.171TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0013006331	EUUSD1.171TS OPENB	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	DE000VA7PVD5	EUUSD1.171TS OPENV	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	NL0013131543	EUUSD1.172TRSOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0013081672	EUUSD1.172TS OPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0013078181	EUUSD1.173TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0013083827	EUUSD1.174TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000VA7PU92	EUUSD1.174TS OPENV	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	NL0012906267	EUUSD1.175TS OPENH	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000CJ3NVW3	EUUSD1.175TS OPENZ	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012905723	EUUSD1.176TRSOPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000VA640R1	EUUSD1.176TS OPENV	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	NL0013083819	EUUSD1.177TRSOPENH	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	NL0012905863	EUUSD1.177TS OPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0012907059	EUUSD1.177TS OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0013083801	EUUSD1.178TRSOPENH	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CV8A2T4	EUUSD1.178TS OPENZ	EUR											
Certificate	NL0013084676	EUUSD1.179TRSOPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012906259	EUUSD1.179TS OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000VA640P5	EUUSD1.179TS OPENV	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	NL0013004104	EUUSD1.181TS OPENB	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	DE000VA64Y40	EUUSD1.181TS OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	LU1840909706	EUUSD1.183TPIOPENS	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013082365	EUUSD1.183TRSOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0012915508	EUUSD1.183TS OPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	NL0012920862	EUUSD1.184TS OPENH	EUR	5,6400	5,6400	5,0100	11280,0000	1	5,0100	2000				
Certificate	DE000VA4Y121	EUUSD1.184TS OPENV	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0012915953	EUUSD1.185TRSOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0012915490	EUUSD1.185TS OPENH	EUR	5,7200	5,7200	5,1100	11440,0000	1	5,1100	2000				
Certificate	DE000VA3ECD8	EUUSD1.185TS OPENV	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	DE000CV8AJ16	EUUSD1.185TS OPENZ	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	NL0012915946	EUUSD1.186TRSOPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012922280	EUUSD1.186TS OPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	LU1756999378	EUUSD1.187TPIOPENS	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012862148	EUUSD1.187TS OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012902639	EUUSD1.188TRSOPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012862130	EUUSD1.188TS OPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000VA15U51	EUUSD1.188TS OPENV	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	NL0012862122	EUUSD1.189TS OPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012863765	EUUSD1.191TRSOPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0012792659	EUUSD1.191TS OPENB	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	LU1756999535	EUUSD1.192TPIOPENS	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012863757	EUUSD1.192TRSOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012863948	EUUSD1.192TS OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012863740	EUUSD1.193TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012863930	EUUSD1.193TS OPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000VA15U69	EUUSD1.193TS OPENV	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	NL0012863922	EUUSD1.194TS OPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0012863724	EUUSD1.195TRSOPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0012862379	EUUSD1.195TS OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CV8A0Y8	EUUSD1.195TS OPENZ	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012861884	EUUSD1.196TS OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000VAGT126	EUUSD1.196TS OPENV	EUR	7,6650	7,6650	7,6650			7,6650					
Certificate	LU1756999709	EUUSD1.197TPIOPENS	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012861876	EUUSD1.197TS OPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012863260	EUUSD1.198TRSOPENH	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0012861868	EUUSD1.198TS OPENH	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000VA15U85	EUUSD1.198TS OPENV	EUR	5,8050	5,8050	5,8050			5,8050					
Certificate	NL0012609655	EUUSD1.199TL OPENH	EUR											
Certificate	NL0012609390	EUUSD1.199TRLOPENH	EUR											
Certificate	NL0012861850	EUUSD1.199TS OPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012552699	EUUSD1.201TL OPENH	EUR											
Certificate	NL0012861710	EUUSD1.201TRSOPENH	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0012790372	EUUSD1.201TS OPENB	EUR	8,0750	8,0750	8,0750			8,0750					
Certificate	NL0012849327	EUUSD1.201TS OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012609093	EUUSD1.202TL OPENH	EUR											
Certificate	LU1756856859	EUUSD1.202TPIOPENS	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012608897	EUUSD1.202TRLOPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012849319	EUUSD1.202TS OPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012584585	EUUSD1.203TL OPENH	EUR											
Certificate	NL0012861694	EUUSD1.203TRSOPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000VA15RK2	EUUSD1.203TS OPENV	EUR	6,2450	6,2450	6,2450								
Certificate	NL0012609085	EUUSD1.204TL OPENH	EUR											
Certificate	NL0012554711	EUUSD1.204TRLOPENH	EUR											
Certificate	NL0012848022	EUUSD1.204TS OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012585277	EUUSD1.205TL OPENH	EUR											
Certificate	NL0012850994	EUUSD1.205TRSOPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012848014	EUUSD1.205TS OPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000VA2T8U8	EUUSD1.205TS OPENV	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	DE000CV8A0Z5	EUUSD1.205TS OPENZ	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012585814	EUUSD1.206TRLOPENH	EUR											
Certificate	NL0012847065	EUUSD1.206TS OPENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0012848295	EUUSD1.207TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0012847057	EUUSD1.207TS OPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012847040	EUUSD1.208TS OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA15RM8	EUUSD1.208TS OPENV	EUR	6,6950	6,6950	6,6950			6,6950					
Certificate	LU1756401268	EUUSD1.209TPIOPENS	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012847032	EUUSD1.209TS OPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0012847610	EUUSD1.211TRSOPENH	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0012788442	EUUSD1.211TS OPENB	EUR	9,6900	9,6950	8,9850	319,7700	1	8,9850	33				
Certificate	NL0012846620	EUUSD1.211TS OPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0012615553	EUUSD1.213TS OPENH	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000VA2T5Y6	EUUSD1.213TS OPENV	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	NL0012520126	EUUSD1.214TRSOPENH	EUR											
Certificate	NL0012615777	EUUSD1.215TRSOPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0012613673	EUUSD1.215TS OPENH	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	DE000VA2T8W4	EUUSD1.215TS OPENV	EUR	9,4850	9,4850	9,4850			9,4850					
Certificate	DE000CV8A104	EUUSD1.215TS OPENZ	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA1ZDX3	EUUSD1.218TS OPENV	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	LU1756401342	EUUSD1.219TPIOPENS	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0012612675	EUUSD1.219TRSOPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012786545	EUUSD1.221TS OPENB	EUR	9,8950	9,8950	9,8950			9,8950					
Certificate	NL0012615546	EUUSD1.223TS OPENH	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000VA1ZDZ8	EUUSD1.223TS OPENV	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	NL0012611545	EUUSD1.224TS OPENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000VA2T8Y0	EUUSD1.225TS OPENV	EUR	10,4050	10,4050	10,4050			10,4050					
Certificate	DE000CJ3NRS9	EUUSD1.225TS OPENZ	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012612634	EUUSD1.227TRSOPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012611503	EUUSD1.228TS OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000VA1ZD14	EUUSD1.228TS OPENV	EUR	8,4650	8,4650	8,4650			8,4650					
Certificate	LU1756820665	EUUSD1.229TPIOPENS	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0012612204	EUUSD1.231TRSOPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	NL0012785588	EUUSD1.231TS OPENB	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	NL0012611065	EUUSD1.232TS OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000VA1ZD30	EUUSD1.233TS OPENV	EUR	8,9050	8,9050	8,9050			8,9050					
Certificate	NL0012611248	EUUSD1.235TRSOPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000VA2T802	EUUSD1.235TS OPENV	EUR	11,2950	11,2950	11,2950			11,2950					
Certificate	NL0012609614	EUUSD1.236TS OPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000VA1ZD55	EUUSD1.238TS OPENV	EUR	9,3450	9,3450	9,3450			9,3450					
Certificate	LU1756820822	EUUSD1.239TPIOPENS	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	NL0012609366	EUUSD1.239TRSOPENH	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0012609028	EUUSD1.241TS OPENH	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	NL0012784540	EUUSD1.242TS OPENB	EUR	11,6950	11,6950	11,6950			11,6950					
Certificate	NL0012608863	EUUSD1.243TRSOPENH	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	NL0012609099	EUUSD1.245TS OPENH	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000VA2T828	EUUSD1.245TS OPENV	EUR	12,1850	12,1850	12,1850			12,1850					
Certificate	NL0012600951	EUUSD1.246TS OPENH	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0012602163	EUUSD1.248TRSOPENH	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0012600936	EUUSD1.248TS OPENH	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000VA1SS24	EUUSD1.248TS OPENV	EUR	10,2250	10,2250	10,2250			10,2250					
Certificate	NL0012600688	EUUSD1.249TRSOPENH	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	NL0012600647	EUUSD1.253TRSOPENH	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0012581888	EUUSD1.253TS OPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000VA1SS32	EUUSD1.253TS OPENV	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	LU1719404789	EUUSD1.255TPIOPENS	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0012605372	EUUSD1.256TS OPENH	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0012582050	EUUSD1.257TRSOPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0012582043	EUUSD1.258TRSOPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CY52XG1	EUUSD1.261TS OPENC	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	NL0012581748	EUUSD1.262TRSOPENH	EUR	11,3400	11,3400	11,3400			11,3400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012088728	EUUSD1.263TS OPENH	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	NL0012560734	EUUSD1.264TRSOPENH	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0012560221	EUUSD1.264TS OPENH	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	LU1695202082	EUUSD1.265TPIOPENS	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000VL2FQ84	EUUSD1.265TS OPENV	EUR	11,5450	11,5450	11,5450			11,5450					
Certificate	NL0012436257	EUUSD1.268TRSOPENH	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	NL0012560999	EUUSD1.268TS OPENH	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	NL0012560700	EUUSD1.269TRSOPENH	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	NL0011040993	EUUSD1.271TS OPENH	EUR	13,8600	13,8600	13,8600			13,8600					
Certificate	NL0012563597	EUUSD1.271TS OPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0010155818	EUUSD1.272TL OPENA	EUR											
Certificate	NL0012563589	EUUSD1.272TS OPENH	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0012560668	EUUSD1.274TRSOPENH	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0012554513	EUUSD1.275TRSOPENH	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	DE000VL2FRA8	EUUSD1.275TS OPENV	EUR	12,4350	12,4350	12,4350			12,4350					
Certificate	NL0012563860	EUUSD1.276TRSOPENH	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0010155826	EUUSD1.276TS OPENA	EUR											
Certificate	NL0012580807	EUUSD1.277TS OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0012563845	EUUSD1.278TRSOPENH	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	NL0010876660	EUUSD1.278TS OPENB	EUR	14,9550	14,9550	14,9550			14,9550					
Certificate	NL0012552467	EUUSD1.281TS OPENH	EUR	13,5800	13,5800	13,5800			13,5800					
Certificate	NL0013182132	EUUSD1.285TRSOPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	DE000CR1JU20	EUUSD1.285TS OPENZ	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	NL0012554489	EUUSD1.291TRSOPENH	EUR	13,8400	13,8400	13,8400			13,8400					
Certificate	NL0013180748	EUUSD1.295TRSOPENH	EUR	14,2500	14,2500	14,2500			14,2500					
Certificate	NL0013180862	EUUSD1.295TS OPENH	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	DE000CE6E1A1	EUUSD1.295TS OPENZ	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0012559512	EUUSD1.296TRSOPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0010519880	EUUSD1.299BS OPENB	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0012560189	EUUSD1.301TS OPENH	EUR	15,3600	15,3600	15,3600			15,3600					
Certificate	NL0013083793	EUUSD1.302TRSOPENH	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	NL0013083785	EUUSD1.307TRSOPENH	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	DE000CR1JDN2	EUUSD1.312TS OPENZ	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	NL0012563837	EUUSD1.316TRSOPENH	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	NL0013085889	EUUSD1.321TRSOPENH	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0012851950	EUUSD1.321TS OPENH	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	NL0013083777	EUUSD1.322TRSOPENH	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000CV4ZKR2	EUUSD1.322TS OPENZ	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0013083769	EUUSD1.327TRSOPENH	EUR	17,0300	17,0300	17,0300			17,0300					
Certificate	NL0013083751	EUUSD1.332TRSOPENH	EUR	17,4700	17,4700	17,4700			17,4700					
Certificate	DE000CV4ZR52	EUUSD1.332TS OPENZ	EUR	17,4400	17,4400	17,4400			17,4400					
Certificate	NL0006280570	EUUSD1.337TS OPENB	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	NL0012851919	EUUSD1.341TS OPENH	EUR	18,9500	18,9500	18,9500			18,9500					
Certificate	DE000CV4ZR60	EUUSD1.342TS OPENZ	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	NL0012904445	EUUSD1.343TRSOPENH	EUR	18,4500	18,4500	18,4500			18,4500					
Certificate	NL0006215667	EUUSD1.349TS OPENB	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	NL0011228002	EUUSD1.349TS OPENH	EUR	20,8700	20,8700	20,8700			20,8700					
Certificate	NL0012851893	EUUSD1.352TS OPENH	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	DE000CV4ZV80	EUUSD1.352TS OPENZ	EUR	19,1800	19,1800	19,1800			19,1800					
Certificate	NL0012851869	EUUSD1.367TS OPENH	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	NL0012898845	EUUSD1.368TRSOPENH	EUR	20,6400	20,6400	20,6400			20,6400					
Certificate	DE000CZ7DV92	EUUSD1.371TS OPENZ	EUR	20,8500	20,8500	20,8500			20,8500					
Certificate	NL0006217283	EUUSD1.377TS OPENB	EUR	23,9500	23,9500	23,9500			23,9500					
Certificate	NL0012851828	EUUSD1.387TS OPENH	EUR	22,9500	22,9500	22,9500			22,9500					
Certificate	NL0012906077	EUUSD1.398TRSOPENH	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	NL0012851786	EUUSD1.407TS OPENH	EUR	24,7200	24,7200	24,7200			24,7200					
Certificate	DE000CV87HE1	EUUSD1.411TS OPENZ	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	NL0006280588	EUUSD1.412TS OPENB	EUR	27,0600	27,0600	27,0600			27,0600					
Certificate	NL0012851745	EUUSD1.427TS OPENH	EUR	26,4900	26,4900	26,4900			26,4900					
Certificate	NL0012904437	EUUSD1.428TRSOPENH	EUR	25,9500	25,9500	25,9500			25,9500					
Certificate	NL0012851703	EUUSD1.447TS OPENH	EUR	28,2600	28,2600	28,2600			28,2600					
Certificate	NL0012906069	EUUSD1.458TRSOPENH	EUR	28,5900	28,5900	28,5900			28,5900					
Certificate	NL0012851661	EUUSD1.467TS OPENH	EUR	30,0300	30,0300	30,0300			30,0300					
Certificate	NL0011231238	EUUSD1.482TS OPENH	EUR	32,7500	32,7500	32,7500			32,7500					
Certificate	NL0012898803	EUUSD1.483TRSOPENH	EUR	30,7900	30,7900	30,7900			30,7900					
Certificate	NL0012851620	EUUSD1.487TS OPENH	EUR	31,8100	31,8100	31,8100			31,8100					
Certificate	NL0012851588	EUUSD1.507TS OPENH	EUR	33,5800	33,5800	33,5800			33,5800					
Certificate	NL0012851547	EUUSD1.527TS OPENH	EUR	35,3500	35,3500	35,3500			35,3500					
Certificate	NL0012860233	EUUSD1.547TS OPENH	EUR	37,1300	37,1300	37,1300			37,1300					
Certificate	NL0011887989	EUUSF1.045TRLOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CE6E150	EUZAR 14.3TL OPENZ	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CJ3QJUS	EUZAR 16.2TS OPENZ	EUR	3,6450	3,6450	3,6450			3,6450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PA18	EUZAR 17.2TS OPENZ	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000CV894G5	EUZAR13.29TL OPENZ	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	DE000CE6BL19	EUZAR15.34TL OPENZ	EUR	2,3300	2,3300	2,3300								
Certificate	DE000CD62221	EUZAR18.19TS OPENZ	EUR	16,3300	16,3300	16,3300								
Certificate	DE000CE6E168	EUZAR19.19TS OPENZ	EUR	22,7200	22,7200	22,7200								
Certificate	DE000CV88839	EUZAR20.22TS OPENZ	EUR	29,2800	29,2800	29,2800								
Certificate	DE000CE6CXQ2	EVTG 11.36TL OPENZ	EUR	8,0350	8,8400	8,0350			8,8400					
Certificate	DE000CV88R23	EVTG 12.36TL OPENZ	EUR	7,0400	7,8500	7,0400			7,8500					
Certificate	DE000CV892M7	EVTG 13.36TL OPENZ	EUR	6,0450	6,8600	6,0450			6,8600					
Certificate	DE000CJ3N8I7	EVTG 14.84TL OPENZ	EUR	4,5750	5,3700	4,5750			5,3700					
Certificate	DE000CJ3PVL1	EVTG 16.33TL OPENZ	EUR	3,1150	3,9200	3,1150			3,9200					
Certificate	DE000CJ3QH44	EVTG 17.83TL OPENZ	EUR	1,6650	2,4500	1,6650			2,4500					
Certificate	DE000CE6CX89	EVTG 9.835TL OPENZ	EUR	9,5550	10,3700	9,5550			10,3700					
Certificate	NL0009517689	EXXON 47TL OPENB	EUR	30,0000	30,0000	30,0000			30,0000					
Certificate	NL0011732615	EXXON 90.8TS OPENH	EUR	1,8400	1,8400	1,7900			1,7900					
Certificate	NL0011729777	EXXON101.8TS OPENH	EUR	2,8900	2,8900	2,8400			2,8400					
Certificate	NL0011732607	EXXON102.5TS OPENH	EUR	2,9700	2,9700	2,9100			2,9100					
Certificate	DE000CR4J0T1	EXXON69.53TL OPENZ	EUR	7,3600	7,5500	7,3600			7,5500					
Certificate	NL0011739172	EXXON88.27TS OPENH	EUR	1,6000	1,6000	1,5500			1,5500					
Certificate	NL0011729785	EXXON90.01TS OPENH	EUR	1,7700	1,7700	1,7200			1,7200					
Certificate	NL0011052170	EXXON90.11TS OPENH	EUR	1,7800	1,7800	1,7300			1,7300					
Certificate	NL0011928379	EXXON98.57TS OPENH	EUR	2,5900	2,5900	2,5400			2,5400					
Certificate	DE000CJ3PK24	EZJ 10.73TL OPENZ	EUR	1,8200	1,8200	1,1700			1,1700					
Certificate	DE000CJ3N4L2	EZJ 7.713TL OPENZ	EUR	5,1900	5,1900	4,4300	5316,0000	1	4,5300	1200				
Certificate	DE000CJ3NSG2	EZJ 9.229TL OPENZ	EUR	3,4900	3,4900	2,8300			2,8300					
Certificate	NL0011796818	FAGR 5TL OPENB	EUR	11,7450	11,7450	11,7450			11,7450					
Certificate	NL0011806328	FAGR 6TL OPENB	EUR	10,7650	10,7650	10,7650			10,7650					
Certificate	NL0012781645	FAGR 13TL OPENB	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0011529383	FAGR 1.9TL OPENB	EUR	14,6450	14,6450	14,6450			14,6450					
Certificate	NL0011529391	FAGR 2.9TL OPENB	EUR	13,7350	13,7350	13,7350			13,7350					
Certificate	NL0011648605	FAGR 3.9TL OPENB	EUR	12,7350	12,7350	12,7350			12,7350					
Certificate	NL0011916036	FAGR 7.1TL OPENB	EUR	9,0750	9,0750	9,0750			9,0750					
Certificate	NL0012029169	FAGR 8.2TL OPENB	EUR	8,1150	8,1150	8,1150			8,1150					
Certificate	NL0012109060	FAGR 9.3TL OPENB	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	NL0012504484	FAGR 9.8TL OPENB	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	NL0012684955	FAGR 10.4TL OPENB	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	NL0012684963	FAGR 10.9TL OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	NL0012684971	FAGR 11.4TL OPENB	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	NL0012685564	FAGR 11.9TL OPENB	EUR	4,9150	4,9150	4,9150			4,9150					
Certificate	NL0012780746	FAGR 12.5TL OPENB	EUR	4,4000	4,4150	4,4000	308,0000	1	4,4150	70				
Certificate	DE000CV88BD4	FAGR 12.5TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0012782551	FAGR 13.6TL OPENB	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0013157068	FAGR 14.1TL OPENB	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	NL0013157449	FAGR 14.6TL OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0013154909	FAGR 14.6TS OPENB	EUR											
Certificate	NL0013151970	FAGR 15.1TS OPENB	EUR											
Certificate	NL0013015647	FAGR 15.6TS OPENB	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0013014228	FAGR 16.1TS OPENB	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	NL0013004245	FAGR 16.7TS OPENB	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0012994560	FAGR 17.7TS OPENB	EUR	5,6300	5,6650	5,6250	450,4000	1	5,6650	80				
Certificate	DE000CR9RFH5	FAGR 24.9TS OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CD62NE0	FAGR 7.56TL OPENZ	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000CD63MQ4	FAGR 8.56TL OPENZ	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CE6BH31	FAGR 9.32TL OPENZ	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CV50301	FAGR 10.39TL OPENZ	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CV50322	FAGR 11.44TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CV88D11	FAGR 13.56TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CJ3QLM8	FAGR 14.56TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CV88M93	FAGR 17.03TS OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CV89Z63	FAGR 18.92TS OPENZ	EUR	0,9800	0,9800	0,9750	98,0000	1	0,9750	100				
Certificate	DE000CW42AL4	FBOOK 84TL OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CV88BQ6	FBOOK 90TL 1218Z	EUR	4,1250	4,1250	3,9850			3,9850					
Certificate	DE000CX00QC5	FBOOK 100TL OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CP235V8	FBOOK 110TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CP23326	FBOOK 110TL OPENC	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0011650742	FBOOK 112BL OPENB	EUR	20,3400	20,3400	20,3400			20,3400					
Certificate	DE000CV88BR4	FBOOK 120TL 1218Z	EUR	1,4850	1,4850	1,3550			1,3550					
Certificate	DE000CQ5AF54	FBOOK 120TL OPENC	EUR	0,7600	0,8200	0,7600	760,0000	1	0,8200	1000				
Certificate	DE000CQ5AF96	FBOOK 120TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CX01LS0	FBOOK 125TS OPENC	EUR											
Certificate	DE000CQ5BZY1	FBOOK 130TL OPENC	EUR											
Certificate	DE000CP23334	FBOOK 140TS OPENC	EUR	0,5400	0,5400	0,5400			0,5400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP235W6	FBOOK 140TS OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CP235X4	FBOOK 150TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP23342	FBOOK 150TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CQ58Z28	FBOOK 160TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CP06P30	FBOOK 170TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CP06PR8	FBOOK 170TS OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CQ58139	FBOOK 180TL OPENC	EUR											
Certificate	DE000CP06537	FBOOK 180TS OPENC	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CY52AE4	FBOOK 180TS OPENC	EUR											
Certificate	DE000CP064G3	FBOOK 180TS OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CY52C37	FBOOK 180TS OPENC	EUR											
Certificate	DE000CQ58VQ6	FBOOK 190TS OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CQ58TV0	FBOOK 190TS OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CQ58TW8	FBOOK 200TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CQ58147	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY50W35	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ58VR4	FBOOK 200TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CQ58A82	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY52JN6	FBOOK 205TS OPENC	EUR											
Certificate	DE000CQ58VS2	FBOOK 210TS OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CQ58TX6	FBOOK 210TS OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CQ58J18	FBOOK 220TS OPENC	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000CQ58PX4	FBOOK 230TS OPENC	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000CQ58PY2	FBOOK 240TS OPENC	EUR											
Certificate	NL0012775118	FBOOK 175.8S OPENB	EUR											
Certificate	NL0010155859	FBOOK 22.9TS OPENA	EUR											
Certificate	NL0011042866	FBOOK 67.6TL OPENH	EUR	6,7000	6,7000	6,5300			6,5300					
Certificate	NL0011052253	FBOOK 73.5TL OPENH	EUR	6,2400	6,2400	6,0700			6,0700					
Certificate	NL0010892188	FBOOK 78.7TL OPENB	EUR	53,5800	53,5800	53,5800			53,5800					
Certificate	NL0011052246	FBOOK 79.1TL OPENH	EUR	5,7900	5,7900	5,6200			5,6200					
Certificate	NL0011425319	FBOOK 89.7TL OPENB	EUR	44,5400	44,5400	44,5400			44,5400					
Certificate	DE000CJ3QFN8	FBOOK100.5TL 0319Z	EUR	3,2650	3,2650	3,1250			3,1250					
Certificate	DE000CV8AHN1	FBOOK105.7TL OPENZ	EUR	2,6950	2,6950	2,5550			2,5550					
Certificate	DE000VA90T03	FBOOK107.8TL OPENV	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000VA90T11	FBOOK110.3TL OPENV	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	NL0011654579	FBOOK111.5TL OPENB	EUR	26,6600	26,6600	26,6600			26,6600					
Certificate	DE000VA90T29	FBOOK112.8TL OPENV	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000VA90T37	FBOOK115.3TL OPENV	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CJ3P5H5	FBOOK115.5TL 0319Z	EUR	1,9450	1,9450	1,8050			1,8050					
Certificate	NL0011803945	FBOOK116.9TL OPENB	EUR	22,2300	22,2300	22,2300			22,2300					
Certificate	DE000CJ3QAS8	FBOOK117.1TL OPENZ	EUR	1,6850	1,6850	1,5550			1,5550					
Certificate	NL0011659933	FBOOK117.6BL OPENB	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	DE000VA9C1R1	FBOOK120.2TL OPENV	EUR	1,4200	1,4250	1,1700	4515,0000	3	1,2850	3500				
Certificate	DE000VA8F3G8	FBOOK122.5TL OPENV	EUR	0,9600	1,0550	0,9600	14400,0000	3	1,0550	15000				
Certificate	DE000VA90T45	FBOOK125.3TL OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CV89X32	FBOOK125.6TL OPENZ	EUR	0,9550	0,9550	0,8250			0,8250					
Certificate	DE000CN6LAF3	FBOOK126.3TL OPENZ	EUR	1,7900	1,7900	1,5300			1,5300					
Certificate	DE000CJ3P8L1	FBOOK126.5TL 0319Z	EUR	0,9650	0,9650	0,8250			0,8250					
Certificate	DE000VA90T52	FBOOK127.8TL OPENV	EUR	0,6700	0,6850	0,5600	2470,0000	4	0,6850	4000				
Certificate	DE000VA90T60	FBOOK130.3TL OPENV	EUR											
Certificate	DE000VA90TW6	FBOOK137.7TS OPENV	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000VA90TX4	FBOOK140.2TS OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000VA90T29	FBOOK142.7TS OPENV	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0013154388	FBOOK143.9BS OPENB	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000VA9C3Q9	FBOOK145.2TS OPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CJ3QFJ6	FBOOK145.5TS OPENZ	EUR	0,9250	1,0450	0,9250			1,0450					
Certificate	NL0013154636	FBOOK147.5TS OPENB	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	DE000VA9C1Q3	FBOOK147.7TS OPENV	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000VA9CX84	FBOOK150.2TS OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VA5RLT2	FBOOK151.4TL OPENV	EUR											
Certificate	NL0011597372	FBOOK152.4TS OPENH	EUR											
Certificate	DE000VA9CYB7	FBOOK152.7TS OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013149529	FBOOK153.9BS OPENB	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	DE000VA9CTG6	FBOOK155.2TS OPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000VA8FW67	FBOOK157.7TS OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000VA8FSS8	FBOOK160.2TS OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000CJ3PN21	FBOOK160.5TS OPENZ	EUR	2,2250	2,3450	2,2250			2,3450					
Certificate	DE000VA7PSK6	FBOOK162.6TS OPENV	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0013005184	FBOOK163.9BS OPENB	EUR	27,5000	27,5000	27,5000			27,5000					
Certificate	NL0012777007	FBOOK165.1BS OPENB	EUR											
Certificate	DE000VA7PSL4	FBOOK165.1TS OPENV	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	NL0013004641	FBOOK167.5TS OPENB	EUR	41,4100	41,4100	41,4100			41,4100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012777247	FBOOK167.5TS OPENB	EUR											
Certificate	DE000VA7PSM2	FBOOK167.6TS OPENV	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	NL0010116786	FBOOK17.81TL OPENB	EUR	103,8800	103,8800	103,8800			103,8800					
Certificate	DE000VA7PSN0	FBOOK170.1TS OPENV	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	DE000VA6D6T8	FBOOK172.6TS OPENV	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	NL0012995575	FBOOK173.8BS OPENB	EUR	36,3000	36,3000	36,3000			36,3000					
Certificate	DE000CJ3NKA2	FBOOK175.4TS OPENZ	EUR	3,5550	3,6650	3,5550			3,6650					
Certificate	NL0012995831	FBOOK177.5TS OPENB	EUR	50,9700	50,9700	50,9700			50,9700					
Certificate	DE000VA6D534	FBOOK177.6TS OPENV	EUR	3,9150	3,9150	3,9150			3,9150					
Certificate	DE000VAGEGV4	FBOOK180.1TS OPENV	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	DE000VASRLP0	FBOOK182.7TS OPENV	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	NL0012990469	FBOOK183.8BS OPENB	EUR	45,0900	45,0900	45,0900			45,0900					
Certificate	DE000VASRLQ8	FBOOK187.7TS OPENV	EUR	4,7950	4,7950	4,7950			4,7950					
Certificate	DE000VASRLR6	FBOOK192.7TS OPENV	EUR	5,2350	5,2350	5,2350			5,2350					
Certificate	NL0012984926	FBOOK193.8BS OPENB	EUR	53,8900	53,8900	53,8900			53,8900					
Certificate	DE000CV8ADH2	FBOOK195.5TS OPENZ	EUR	5,3200	5,4300	5,3200			5,4300					
Certificate	DE000VASRLS4	FBOOK197.7TS OPENV	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000VASRPH8	FBOOK202.7TS OPENV	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	NL0012984934	FBOOK203.8BS OPENB	EUR	62,6800	62,6800	62,6800			62,6800					
Certificate	DE000CV8ADJ8	FBOOK215.6TS OPENZ	EUR	7,1000	7,2000	7,1000			7,2000					
Certificate	NL0012973135	FBOOK227.6TS OPENB	EUR	98,6800	98,6800	98,6800			98,6800					
Certificate	DE000CV4Z951	FBOOK235.8TS OPENZ	EUR	17,7800	17,9600	17,7800			17,9600					
Certificate	NL0010516241	FBOOK49.11TL OPENB	EUR	77,8400	77,8400	77,8400			77,8400					
Certificate	DE000CF8DX8	FBOOK62.34TL OPENC	EUR											
Certificate	DE000CC16AQ9	FBOOK65.72TL OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0010658084	FBOOK67.65TL OPENB	EUR	62,6100	62,6100	62,6100			62,6100					
Certificate	NL0010661773	FBOOK73.78TL OPENB	EUR	57,5800	57,5800	57,5800			57,5800					
Certificate	DE000CB9YG61	FBOOK78.25TL OPENZ	EUR	10,2200	10,2200	9,9100			9,9100					
Certificate	DE000CJ3N5N5	FBOOK90.36TL OPENZ	EUR	4,0450	4,0450	3,8950			3,8950					
Certificate	DE000VN61YG3	FCHI LEVOPENV	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	DE000VN61YH1	FCHI LEVOPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000VN61YF5	FCHI LEVOPENV	EUR	9,4650	9,4650	9,4650			9,4650					
Certificate	DE000VA234R3	FCHI SHROPEV	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000VN61YL3	FCHI SHROPEV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN61YK5	FCHI SHROPEV	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000VN61YJ7	FCHI SHROPEV	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CE6EH79	FCHMI11.96TL OPENZ	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000CJ3PX52	FCHMI13.45TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CV8ADV3	FCHMI9.958TL OPENZ	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0013008709	FFARM 7.9BL OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013006604	FFARM 8.4BL OPENB	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CV8APS3	FFARM 5.84TL OPENZ	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV8ALY0	FFARM 6.38TL OPENZ	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CE6CQJ1	FFARM 6.92TL OPENZ	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0013156979	FFARM 7.41BL OPENB	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CE6CNE9	FFARM 7.67TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CE6CND1	FFARM 8.41TL OPENZ	EUR	1,0400	1,0400	0,9200	1529,8800	17	1,0400	1605				
Certificate	NL0013006612	FFARM 8.89BL OPENB	EUR											
Certificate	DE000CV87Z73	FFARM 8.94TL OPENZ	EUR											
Certificate	NL0013147549	FFARM 9.88BS OPENB	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0013006760	FFARM10.88BS OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012796551	FLOW 32B0C1219Z	EUR	28,2000	28,2000	27,9100			27,9100					
Certificate	NL0012796544	FLOW 34B0C0919Z	EUR	29,2900	29,2900	28,8700			28,8700					
Certificate	DE000CV4YVX0	FLOW 16.6TL OPENZ	EUR	1,2200	1,2200	1,1650			1,1650					
Certificate	NL0012683072	FLOW 19.2TL OPENB	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	DE000CJ3QGL0	FLOW 27.5TL OPENZ	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0012795793	FLOW 28.5B0C0919Z	EUR	26,3300	26,3300	26,1800			26,1800					
Certificate	NL0012795785	FLOW 29.5B0C0619Z	EUR	27,5100	27,5100	27,2600			27,2600					
Certificate	NL0012502769	FLOW 12.59TL OPENB	EUR	16,6300	16,6300	16,6300			16,6300					
Certificate	DE000CV4YRAG	FLOW 12.61TL OPENZ	EUR	1,6900	1,6900	1,6350			1,6350					
Certificate	NL0012490635	FLOW 14.12TL OPENB	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CE6FKS8	FLOW 14.27TL OPENZ	EUR	1,5300	1,5300	1,4750			1,4750					
Certificate	DE000CE6F322	FLOW 14.54TL OPENZ	EUR	1,4300	1,4300	1,3750			1,3750					
Certificate	NL0012700801	FLOW 14.85TL OPENB	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012504492	FLOW 15.42TL OPENB	EUR	14,0600	14,0600	14,0600			14,0600					
Certificate	DE000CE6EX87	FLOW 15.58TL OPENZ	EUR	1,3200	1,3200	1,2650			1,2650					
Certificate	DE000CN6FY58	FLOW 15.93TL OPENZ	EUR	0,6900	0,6900	0,6600			0,6600					
Certificate	NL0012700819	FLOW 16.17TL OPENB	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	DE000CV4YY54	FLOW 17.57TL OPENZ	EUR	1,2200	1,2200	1,1650			1,1650					
Certificate	DE000CV4YYU0	FLOW 17.62TL OPENZ	EUR	1,1200	1,1200	1,0650			1,0650					
Certificate	NL0012681001	FLOW 17.68TL OPENB	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	DE000CV4ZZE8	FLOW 18.64TL OPENZ	EUR	1,0200	1,0200	0,9650			0,9650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV500V7	FLOW 19.73TL OPENZ	EUR	1,0200	1,0200	0,9650			0,9650					
Certificate	DE000CV501B7	FLOW 20.15TL OPENZ	EUR	0,8700	0,8700	0,8100	835,0000	2	0,8150	1000				
Certificate	NL0012686612	FLOW 20.72TL OPENB	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CV505H5	FLOW 21.64TL OPENZ	EUR	0,7200	0,7200	0,6650			0,6650					
Certificate	DE000CV50632	FLOW 21.86TL OPENZ	EUR	0,8200	0,8200	0,7650	958,6500	2	0,7650	1245				
Certificate	NL0012985162	FLOW 22.43TL OPENB	EUR	8,1300	8,1300	7,6800	9748,0000	3	7,6800	1200				
Certificate	DE000CV505J1	FLOW 23.14TL OPENZ	EUR	0,5700	0,5700	0,5150			0,5150					
Certificate	NL0013000698	FLOW 23.94TL OPENB	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CJ3NM32	FLOW 23.97TL OPENZ	EUR	0,6200	0,6200	0,5650			0,5650					
Certificate	DE000CJ3NZH5	FLOW 24.52TL OPENZ	EUR	0,4300	0,4300	0,3600	1675,0000	3	0,3750	4250				
Certificate	NL0013005440	FLOW 25.41TL OPENB	EUR	5,0900	5,1400	4,9600	254,5000	1	4,9600	50				
Certificate	DE000CJ3PEH5	FLOW 26.01TL OPENZ	EUR	0,2900	0,2900	0,2350			0,2350					
Certificate	DE000CJ3PFL4	FLOW 26.49TL OPENZ	EUR	0,3800	0,3800	0,3250			0,3250					
Certificate	NL0013154560	FLOW 26.91TL OPENB	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0013156490	FLOW 28.41TL OPENB	EUR											
Certificate	NL0013157548	FLOW 29.46TS OPENB	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0013016041	FLOW 31.96TS OPENB	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CV89T12	FLOW 32.36TS OPENZ	EUR	0,3700	0,4250	0,3700	200,0000	1	0,4250	500				
Certificate	NL0013016066	FLOW 36.96TS OPENB	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	DE000CV875J7	FLOW 37.34TS OPENZ	EUR	0,8700	0,9250	0,8700			0,9250					
Certificate	NL0012782825	FLOW 39.43TS OPENB	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0009176510	FMOTR 2.7TL OPENB	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0010249736	FMOTR 6.9TL OPENB	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CR9PCU9	FMOTR13.37TS OPENZ	EUR	3,6350	3,6350	3,5650			3,5650					
Certificate	DE000CN6GBC8	FNV 44.51TL OPENZ	EUR	4,3550	4,5050	4,3550			4,5050					
Certificate	DE000CN6JBR0	FNV 49.84TL OPENZ	EUR	3,4450	3,6050	3,4450			3,6050					
Certificate	DE000CN6K214	FNV 56.33TL OPENZ	EUR	2,3350	2,5050	2,3350			2,5050					
Certificate	DE000CJ3QJF6	FNV 64.33TL OPENZ	EUR	0,9650	1,1350	0,9650			1,1350					
Certificate	DE000CE6C3Q4	FNV 64.55TL OPENZ	EUR											
Certificate	DE000CD61561	FORTU12.21TL OPENZ	EUR	1,6700	1,6700	1,5600			1,5600					
Certificate	DE000CN6HVVH3	FORTU8.031TL OPENZ	EUR	2,7100	2,7100	2,6000			2,6000					
Certificate	NL0012281133	FRARI 105TL OPENB	EUR											
Certificate	NL0012998199	FRARI 139.85 OPENB	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	NL0012104269	FRARI 55.4TL OPENB	EUR	49,8700	49,8700	49,8700			49,8700					
Certificate	NL0013151491	FRARI 65.48L OPENB	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0012264204	FRARI 81.77L OPENB	EUR	28,7400	28,7400	28,7400			28,7400					
Certificate	NL0012270144	FRARI 86.9TL OPENB	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	NL0012277123	FRARI 89.3TL OPENB	EUR	22,6200	22,6200	22,6200			22,6200					
Certificate	NL0013155450	FRARI 99.2BS OPENB	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000CJ3QB24	FRARI102.1TL OPENZ	EUR	0,7700	0,9400	0,7700			0,9400					
Certificate	NL0012278865	FRARI102.5TL OPENB	EUR											
Certificate	NL0013005192	FRARI119.28S OPENB	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000CD63281	FRARI57.66TL OPENZ	EUR	4,5100	4,6500	4,5100			4,6500					
Certificate	DE000CJ3P9X4	FRARI72.11TL OPENZ	EUR	3,2800	3,4300	3,2800			3,4300					
Certificate	NL0013008691	FRARI75.41BL OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0012997977	FRARI85.45BL OPENB	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CV8ALN3	FRARI87.11TL OPENZ	EUR	2,0500	2,2000	2,0500			2,2000					
Certificate	NL0011657291	FREEP 8.5TL OPENB	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0012026181	FREEP 10.5TL OPENB	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012371868	FREGD 73.3TS OPENH	EUR	2,8900	2,8900	2,7600			2,7600					
Certificate	NL0012054118	FREGD 90.9TS OPENH	EUR	4,7800	4,7800	4,6500			4,6500					
Certificate	DE000CJ3P7M1	FREGD35.17TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CJ3NKX4	FREGD41.23TL OPENZ	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0011226097	FREGD43.67TL OPENH	EUR	0,9000	1,0500	0,9000			1,0500					
Certificate	DE000CJ3QE70	FREGD46.71TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0011226089	FREGD47.91TL OPENH	EUR	0,5000	0,6500	0,5000			0,6500					
Certificate	NL0013185176	FREGD50.03TS OPENH	EUR											
Certificate	NL0013184682	FREGD52.03TS OPENH	EUR	0,6100	0,6100	0,4800			0,4800					
Certificate	NL0013130545	FREGD58.03TS OPENH	EUR	1,2500	1,2500	1,1200			1,1200					
Certificate	NL0013085061	FREGD63.81TS OPENH	EUR	1,8700	1,8700	1,7400			1,7400					
Certificate	NL0012936637	FREGD70.32TS OPENH	EUR	2,5700	2,5700	2,4400			2,4400					
Certificate	NL0012584593	FREGD72.28TS OPENH	EUR	2,7800	2,7800	2,6500			2,6500					
Certificate	NL0012915599	FREGD77.33TS OPENH	EUR	3,3200	3,3200	3,1900			3,1900					
Certificate	NL0012849368	FREGD78.24TS OPENH	EUR	3,4200	3,4200	3,2900			3,2900					
Certificate	NL0012242135	FREGD78.54TS OPENH	EUR	3,4500	3,4500	3,3200			3,3200					
Certificate	NL0012178974	FREGD83.59TS OPENH	EUR	3,9900	3,9900	3,8600			3,8600					
Certificate	NL0012053490	FREGD90.84TS OPENH	EUR	4,7700	4,7700	4,6400			4,6400					
Certificate	NL0012093801	FREGD91.14TS OPENH	EUR	4,8000	4,8000	4,6700			4,6700					
Certificate	DE000CJ3N3D1	FRES 5.5TL OPENZ	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000CV8BCX9	FRES 6.38TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CV8ASD9	FRES 7.44TL OPENZ	EUR											
Certificate	DE000CJ3QGW7	FRES 8.44TL OPENZ	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012311807	FRESE107.3TS OPENH	EUR	4,3200	4,3200	4,2400			4,2400					
Certificate	NL0012561666	FRESE116.7TS OPENH	EUR	5,3300	5,3300	5,2600			5,2600					
Certificate	NL0011225446	FRESE43.88TL OPENH	EUR	3,1000	3,1900	3,1000			3,1900					
Certificate	DE000CJ3QE62	FRESE44.85TL OPENZ	EUR	2,7450	2,8300	2,7450			2,8300					
Certificate	DE000CJ3PC32	FRESE51.88TL OPENZ	EUR	2,0450	2,1200	2,0450			2,1200					
Certificate	NL0011225438	FRESE52.36TL OPENH	EUR	2,3100	2,4000	2,3100			2,4000					
Certificate	DE000CR9RQ3	FRESE59.95TL OPENZ	EUR	1,2450	1,3200	1,2450	1040,0000	2	1,3200	800				
Certificate	NL0011225420	FRESE60.84TL OPENH	EUR	1,5100	1,6000	1,5100			1,6000					
Certificate	NL0013185168	FRESE66.27TL OPENH	EUR	1,0100	1,1000	1,0100			1,1000					
Certificate	NL0013132913	FRESE74.27TS OPENH	EUR	0,7800	0,7800	0,7100			0,7100					
Certificate	NL0013085046	FRESE79.73TS OPENH	EUR	1,3600	1,3600	1,2900			1,2900					
Certificate	NL0012935712	FRESE93.66TS OPENH	EUR	2,8600	2,8600	2,7800			2,7800					
Certificate	NL0011929872	FRESE95.62TS OPENH	EUR	3,0700	3,0700	2,9900			2,9900					
Certificate	NL0011225354	FRESE98.49TS OPENH	EUR	3,3700	3,3700	3,3000			3,3000					
Certificate	NL0010048492	FT100 3910TL OPENB	EUR	36,8550	36,8550	36,8550			36,8550					
Certificate	NL0010288601	FT100 4650TL OPENB	EUR	28,8150	28,8150	28,8150			28,8150					
Certificate	NL0010733788	FTEPR STN0920V	EUR	115,5000	115,5000	115,5000			115,5000					
Certificate	DE000CJ3PPU4	FTI 14.45TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CJ3P7Q2	FTI 16.95TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CN6HXJ5	FTI 18.96TL OPENZ	EUR	0,3800	0,3800	0,3550	114,0000	1	0,3550	300				
Certificate	DE000CE6DL58	FTI 29.51TS OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000VN61Z20	FTMIB LEVOPENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VN61ZK5	FTMIB LEVOPENV	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000VN61ZY3	FTMIB LEVOPENV	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VN61Z13	FTMIB SHROPENV	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	DE000VA1ZHT2	FTMIB SHROPENV	EUR	8,9650	8,9650	8,9650			8,9650					
Certificate	DE000VN61Z05	FTMIB SHROPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VN61Z21	FTMIB SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL51266	FTMIB SHROPENV	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	NL0009335876	FTS4020750TL OPENB	EUR	17,2150	17,2150	17,2150			17,2150					
Certificate	NL0009335884	FTS4028660TL OPENB	EUR	12,6050	12,6050	12,6050			12,6050					
Certificate	DE000VN61ZT3	FTSE LEVOPENV	EUR	1,4900	1,6150	1,4900	188,1000	2	1,6150	126				
Certificate	DE000VN61Z55	FTSE LEVOPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000VN61ZR7	FTSE LEVOPENV	EUR	8,3850	8,3850	8,3850			8,3850					
Certificate	DE000VN61ZV9	FTSE SHROPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000VN61ZW7	FTSE SHROPENV	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000VN61ZU1	FTSE SHROPENV	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CX002X8	FUGRO 5TL OPENC	EUR											
Certificate	LU1876930121	FUGRO 6TCIOPENS	EUR	5,1900	5,1900	4,9800			4,9800					
Certificate	LU1876930394	FUGRO 7TCIOPENS	EUR	4,1900	4,1900	3,9800			3,9800					
Certificate	LU1876930477	FUGRO 8TCIOPENS	EUR	3,1900	3,1900	2,9800			2,9800					
Certificate	LU1876930634	FUGRO 9TCIOPENS	EUR	2,2100	2,2100	2,0000			2,0000					
Certificate	NL0012996821	FUGRO 10BL OPENB	EUR	1,1600	1,1800	1,0800	1160,0000	1	1,0800	1000				
Certificate	LU1817292284	FUGRO 10TCIOPENS	EUR	1,1300	1,1300	0,9300			0,9300					
Certificate	LU1876935351	FUGRO 11TCIOPENS	EUR	0,3400	0,5400	0,3400			0,5400					
Certificate	DE000CX599Q7	FUGRO 14TL OPENC	EUR											
Certificate	LU1876935518	FUGRO 14TCIOPENS	EUR	3,2500	3,4600	3,2500			3,4600					
Certificate	LU1876935609	FUGRO 15TCIOPENS	EUR	4,2500	4,4600	4,2500			4,4600					
Certificate	DE000CW3A527	FUGRO 20TS OPENC	EUR											
Certificate	DE000CVQJWP2	FUGRO 25TS OPENC	EUR											
Certificate	NL0013157456	FUGRO 3.8TL OPENB	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0010896429	FUGRO 7.5TL OPENB	EUR	3,9600	4,0000	3,9600	396,0000	1	4,0000	100				
Certificate	LU1876930550	FUGRO 8.5TCIOPENS	EUR	2,7000	2,7000	2,4900			2,4900					
Certificate	NL0010896437	FUGRO 8.6TL OPENB	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CJ3P3E7	FUGRO 8.7TL 0319Z	EUR											
Certificate	DE000CV8AB89	FUGRO 8.8TL 1218Z	EUR	0,4400	0,4400	0,4400	88,0000	1	0,4400	200				
Certificate	NL0012505291	FUGRO 8.9TL OPENB	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012505309	FUGRO 9.2TL OPENB	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CJ3P3F4	FUGRO 9.4TL 0319Z	EUR											
Certificate	NL0012505317	FUGRO 9.5TL OPENB	EUR	1,9450	1,9600	1,9450	975,0000	1	1,9600	500				
Certificate	NL0013180946	FUGRO 9.6TL OPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CV8BEN6	FUGRO 9.8TL 1218Z	EUR	0,2000	0,2000	0,2000	400,0000	1	0,2000	2000				
Certificate	NL0012996995	FUGRO 9.9TL OPENB	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0013153737	FUGRO 10.2TL OPENB	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	LU1876930717	FUGRO 10.5TCIOPENS	EUR	0,7700	0,7700	0,5700			0,5700					
Certificate	NL0013151988	FUGRO 11.2TS OPENB	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0013151657	FUGRO 11.3BS OPENB	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0013180938	FUGRO 11.5TS OPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0013010101	FUGRO 11.8TS OPENB	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012987515	FUGRO 12.3BS OPENB	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013001928	FUGRO 12.3TS OPENB	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012796932	FUGRO 12.5B0C0619Z	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790692450	FUGRO 12.9TPIOPENS	EUR	2,0100	2,2300	2,0100			2,2300					
Certificate	NL0012795694	FUGRO 13.18OC0619Z	EUR											
Certificate	NL0012795702	FUGRO 13.38OC0919Z	EUR											
Certificate	NL0012796569	FUGRO 13.48OC0919Z	EUR											
Certificate	LU1876935435	FUGRO 13.5TPIOPENS	EUR	2,7500	2,9600	2,7500			2,9600					
Certificate	NL0012796577	FUGRO 13.68OC1219Z	EUR											
Certificate	NL0012795363	FUGRO 13.98OC1218Z	EUR											
Certificate	NL0012795371	FUGRO 14.48OC0319Z	EUR	13,1000	13,1000	13,1000	9825,0000	1	13,1000	750				
Certificate	DE000CV50QM7	FUGRO 14.4TS OPENC	EUR											
Certificate	LU1784830215	FUGRO 16.2TS OPENS	EUR											
Certificate	NL0011052766	FUGRO 25.8TS OPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0009678168	FUGRO 49.8TS OPENB	EUR	44,5600	44,5600	44,5600			44,5600					
Certificate	NL0010150512	FUGRO 50.2TL OPENA	EUR											
Certificate	NL0011230511	FUGRO 8.63TL OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0011052865	FUGRO 8.63TL OPENH	EUR	0,3100	0,3100	0,3000	180,0000	1	0,3000	600				
Certificate	LU1612634193	FUGRO 9.37TCIOPENS	EUR	1,5500	1,5500	1,3500			1,3500					
Certificate	DE000CJ3QCR6	FUGRO10.21TL OPENZ	EUR											
Certificate	LU1859906213	FUGRO11.64TPIOPENS	EUR	0,9100	1,1300	0,9100			1,1300					
Certificate	LU1840380569	FUGRO12.28TPIOPENS	EUR	1,4600	1,6700	1,4600			1,6700					
Certificate	DE000CV8AXL2	FUGRO12.56TS OPENZ	EUR											
Certificate	NL0012986210	FUGRO13.29BS OPENB	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012796940	FUGRO13.758OC1219Z	EUR											
Certificate	NL0013001738	FUGRO14.29BS OPENB	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CE6CE82	FUGRO14.55TS OPENZ	EUR	0,7300	0,7500	0,7300	896,0000	2	0,7500	1200				
Certificate	LU1784830306	FUGRO14.85TS OPENS	EUR											
Certificate	NL0012996573	FUGRO4.882BL OPENB	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012488928	FUGRO5.888BL OPENB	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CV8BDB3	FUGRO6.397TL OPENZ	EUR											
Certificate	NL0012281075	FUGRO6.922BL OPENB	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012280945	FUGRO7.959BL OPENB	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CE6EGE9	FUGRO8.404TL OPENZ	EUR											
Certificate	DE000CE6EBD2	FUGRO8.898TL OPENZ	EUR											
Certificate	NL0011535059	FUGRO8.995BL OPENB	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CN6H8G0	FUGRO9.409TL OPENZ	EUR	0,2800	0,2900	0,2800	1386,0000	3	0,2900	4825				
Certificate	NL0009706282	FVLAN 0%FRN02MAY21	EUR	114,1700	114,1700	114,1700			114,1700					
Certificate	DE000CE6CDS0	FVS LEVOPENZ	EUR	2,2020	2,2020	2,2020			2,2020					
Certificate	DE000CE6CDT8	FVS SHROPENZ	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	NL0012789622	FVS 16TS OPENB	EUR											
Certificate	NL0013002736	FVS 11.7TL OPENB	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0013002744	FVS 12.7TL OPENB	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012776264	FVS 17.5TL OPENB	EUR											
Certificate	DE000CN6GXU4	FVS 19.2TL OPENZ	EUR											
Certificate	DE000CV87L95	FVS 34.3TS OPENZ	EUR	29,9150	29,9150	29,9150			29,9150					
Certificate	DE000CV4ZTK8	FVS 9.05TL OPENZ	EUR	7,7750	7,7750	7,7750			7,7750					
Certificate	DE000CV4ZTJ0	FVS 10.15TL OPENZ	EUR	6,7350	6,7350	6,7350			6,7350					
Certificate	DE000CV4Z5N5	FVS 11.26TL OPENZ	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000CV4Z2E1	FVS 12.34TL OPENZ	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	NL0012979561	FVS 13.71TL OPENB	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0013004880	FVS 14.71TL OPENB	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0013152416	FVS 15.71TL OPENB	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0013158140	FVS 17.51TS OPENB	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013147671	FVS 19.51TS OPENB	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012970081	FVS 21.49TS OPENB	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CV88KY1	FVS 22.99TS OPENZ	EUR	14,8350	14,8350	14,8350			14,8350					
Certificate	DE000CV88BT0	FVS 26.78TS OPENZ	EUR	19,8850	19,8850	19,8850			19,8850					
Certificate	NL0012688063	FVS 27.36TS OPENB	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	DE000CV87L87	FVS 30.55TS OPENZ	EUR	24,9150	24,9150	24,9150			24,9150					
Certificate	NL0012106041	FVS 33.27TS OPENB	EUR	20,6800	20,6800	20,6800			20,6800					
Certificate	DE000CV87LA1	FVS 38.05TS OPENZ	EUR	34,9150	34,9150	34,9150			34,9150					
Certificate	NL0012038277	FVS 38.06TS OPENB	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	NL0012024582	FVS 42.84TS OPENB	EUR	31,3100	31,3100	31,3100			31,3100					
Certificate	DE000CD61XL6	FVS 60.01TS OPENZ	EUR	64,1950	64,1950	64,1950			64,1950					
Certificate	DE000CN6J0L5	FVS 66.56TS OPENZ	EUR	72,9250	72,9250	72,9250			72,9250					
Certificate	DE000VN61057	GAS LEVOPENV	EUR	0,7700	0,9000	0,7650	1735,0000	3	0,8750	2000				
Certificate	DE000VA23427	GAS LEVOPENV	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000VN61073	GAS LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN61081	GAS SHROPENV	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VN611A3	GAS SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	NL0012989263	GAS 2.88TL OPENB	EUR	3,0300	3,2450	3,0250	303,0000	1	3,2450	100				
Certificate	NL0013004062	GAS 3.13TL OPENB	EUR	2,6900	2,9550	2,6850	282,0000	2	2,8650	100				
Certificate	NL0013149560	GAS 3.37TL OPENB	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0013151707	GAS 3.63TL OPENB	EUR	1,7100	1,7150	1,6950	940,5000	1	1,6950	550				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013153075	GAS 3.87TL OPENB	EUR	1,3200	1,3250	1,2950	132,0000	1	1,2950	100				
Certificate	NL0013154438	GAS 4.07TL OPENB	EUR											
Certificate	DE000CJ3QDS2	GAS 4.22TL OPENZ	EUR											
Certificate	NL0013157894	GAS 4.34TS OPENB	EUR											
Certificate	NL0013157902	GAS 4.59TS OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0013157910	GAS 4.84TS OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0013153661	GAS 5.13TS OPENB	EUR	2,0300	2,0300	1,5950	57446,2000	12	1,7450	31680				
Certificate	DE000CJ3NXU3	GAS 2.959TL OPENZ	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CJ3P851	GAS 3.561TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CJ3QKD9	GAS 4.341TS OPENZ	EUR											
Certificate	DE000CJ3Q865	GAS 4.941TS OPENZ	EUR	0,8500	0,8500	0,7250	255,0000	1	0,7250	300				
Certificate	DE000CJ3Q873	GAS 5.641TS OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CD63W01	GASI 10.53TL OPENZ	EUR	4,3500	4,3500	4,2450			4,2450					
Certificate	DE000CD640K6	GASI 12.03TL OPENZ	EUR	2,8600	2,8600	2,7550			2,7550					
Certificate	DE000CE6DMR1	GASI 13.52TL OPENZ	EUR	1,3700	1,3700	1,2750			1,2750					
Certificate	NL0012493027	GASOI 494TL OPENB	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0012777395	GASOI 569TL OPENB	EUR											
Certificate	NL0013156763	GASOI 641TS OPENB	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0013152358	GASOI 691TS OPENB	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	NL0013002264	GASOI 742TS OPENB	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0010910659	GAZPR 2.1TL OPENB	EUR	2,4600	2,7300	2,4600			2,7300					
Certificate	NL0011906482	GBL 68TL OPENB	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	NL0009071521	GBL 33.8TL OPENB	EUR	47,9300	47,9300	47,9300			47,9300					
Certificate	NL0010887287	GBL 54.9TL OPENB	EUR	28,2400	28,2400	28,2400			28,2400					
Certificate	NL0010893582	GBL 57.6TL OPENB	EUR	25,6900	25,6900	25,6900			25,6900					
Certificate	NL0012115117	GBL 75.8TL OPENB	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0013011018	GBL 83.8TS OPENB	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	NL0013009004	GBL 84.48S OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013007974	GBL 87.7TS OPENB	EUR	15,5300	15,5300	15,5300			15,5300					
Certificate	NL0012680128	GBL 99.5TS OPENB	EUR	28,2200	28,2200	28,2200			28,2200					
Certificate	NL0012998215	GBL 104.3BS OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CR9RUJ0	GBL 54.49TL OPENZ	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CR1JPL0	GBL 60.47TL OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013155989	GBL 62.868L OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CN6KC28	GBL 66.36TL OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013008717	GBL 67.868L OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012998009	GBL 72.888L OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CD62L88	GBL 73.29TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012998207	GBL 94.35BS OPENB	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	NL0013181241	GBPUS 1.3TRSOPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012906168	GBPUS 1.02TRLOPENH	EUR	22,9800	22,9800	22,9800			22,9800					
Certificate	DE000CJ3QLB1	GBPUS 1.09TL OPENZ	EUR	17,2700	17,2700	17,2700			17,2700					
Certificate	NL0012171771	GBPUS 1.11TL OPENH	EUR	15,8600	15,8600	15,8600			15,8600					
Certificate	NL0012171763	GBPUS 1.12TL OPENH	EUR	14,9700	14,9700	14,9700			14,9700					
Certificate	NL0012055800	GBPUS 1.26TL OPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012200398	GBPUS 1.26TRLOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0013125412	GBPUS 1.27TRLOPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0013185879	GBPUS 1.29TRSOPENH	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0013181340	GBPUS 1.29TRSOPENH	EUR											
Certificate	NL0013180755	GBPUS 1.31TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013085715	GBPUS 1.32TRSOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0013085095	GBPUS 1.33TS OPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012863294	GBPUS 1.36TRSOPENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012906119	GBPUS 1.48TRSOPENH	EUR	17,5900	17,5900	17,5900			17,5900					
Certificate	NL0012904502	GBPUS 1.53TRSOPENH	EUR	21,9900	21,9900	21,9900			21,9900					
Certificate	NL0012904494	GBPUS 1.58TRSOPENH	EUR	26,4000	26,4000	26,4000			26,4000					
Certificate	NL0012904486	GBPUS 1.64TRSOPENH	EUR	31,6900	31,6900	31,6900			31,6900					
Certificate	NL0012906390	GBPUS.9345TRLOPENH	EUR	30,5300	30,5300	30,5300			30,5300					
Certificate	NL0012906176	GBPUS.9546TRLOPENH	EUR	28,7600	28,7600	28,7600			28,7600					
Certificate	NL0012171938	GBPUS0.942TL OPENH	EUR	30,5500	30,5500	30,5500			30,5500					
Certificate	NL0012171920	GBPUS0.952TL OPENH	EUR	29,6500	29,6500	29,6500			29,6500					
Certificate	NL0012171912	GBPUS0.963TL OPENH	EUR	28,7300	28,7300	28,7300			28,7300					
Certificate	NL0012171904	GBPUS0.973TL OPENH	EUR	27,8200	27,8200	27,8200			27,8200					
Certificate	NL0012171896	GBPUS0.983TL OPENH	EUR	26,9300	26,9300	26,9300			26,9300					
Certificate	NL0012899751	GBPUS0.987TRLOPENH	EUR	25,9400	25,9400	25,9400			25,9400					
Certificate	NL0012171888	GBPUS0.994TL OPENH	EUR	25,9700	25,9700	25,9700			25,9700					
Certificate	NL0012171870	GBPUS1.004TL OPENH	EUR	25,0700	25,0700	25,0700			25,0700					
Certificate	NL0012171862	GBPUS1.015TL OPENH	EUR	24,1600	24,1600	24,1600			24,1600					
Certificate	NL0012171854	GBPUS1.026TL OPENH	EUR	23,1900	23,1900	23,1900			23,1900					
Certificate	NL0012171847	GBPUS1.037TL OPENH	EUR	22,2200	22,2200	22,2200			22,2200					
Certificate	NL0012171839	GBPUS1.047TL OPENH	EUR	21,3000	21,3000	21,3000			21,3000					
Certificate	NL0012899736	GBPUS1.047TRLOPENH	EUR	20,6300	20,6300	20,6300			20,6300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012171821	GBPUS1.058TL OPENH	EUR	20,4100	20,4100	20,4100			20,4100					
Certificate	NL0012171813	GBPUS1.068TL OPENH	EUR	19,4800	19,4800	19,4800			19,4800					
Certificate	NL0012904551	GBPUS1.076TRLOPENH	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	NL0012171805	GBPUS1.079TL OPENH	EUR	18,5900	18,5900	18,5900			18,5900					
Certificate	NL0012171797	GBPUS1.089TL OPENH	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	NL0012171789	GBPUS1.099TL OPENH	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	NL0012899710	GBPUS1.102TRLOPENH	EUR	15,7400	15,7400	15,7400			15,7400					
Certificate	NL0012904544	GBPUS1.126TRLOPENH	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	NL0012089601	GBPUS1.131TL OPENH	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	DE000CE6CAT4	GBPUS1.136TL OPENZ	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0012089593	GBPUS1.142TL OPENH	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	NL0012899694	GBPUS1.142TRLOPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0012089585	GBPUS1.153TL OPENH	EUR	12,0500	12,0500	12,0500			12,0500					
Certificate	NL0012089577	GBPUS1.164TL OPENH	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	NL0012904536	GBPUS1.166TRLOPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0012089569	GBPUS1.174TL OPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0012899678	GBPUS1.182TRLOPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0012089551	GBPUS1.185TL OPENH	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0012089544	GBPUS1.195TL OPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CE6C8K6	GBPUS1.198TL OPENZ	EUR	7,3950	7,3950	7,3950			7,3950					
Certificate	NL0012904528	GBPUS1.201TRLOPENH	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0013017833	GBPUS1.205TL OPENB	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0012089536	GBPUS1.205TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012089528	GBPUS1.215TL OPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012201529	GBPUS1.221TRLOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012988950	GBPUS1.226TL OPENB	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0012089510	GBPUS1.226TL OPENH	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012200323	GBPUS1.227TRLOPENH	EUR	4,5500	4,7300	4,5500	136,5000	1	4,7300		30			
Certificate	NL0012863336	GBPUS1.234TRLOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012089502	GBPUS1.236TL OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0013182652	GBPUS1.241TRLOPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0012089494	GBPUS1.246TL OPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0012906382	GBPUS1.246TRLOPENH	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CJ3QHN4	GBPUS1.248TL OPENZ	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0013185887	GBPUS1.252TRLOPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013186075	GBPUS1.253TL OPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0013085921	GBPUS1.254TRLOPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0013181779	GBPUS1.255TL OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0013127988	GBPUS1.255TRLOPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0013127970	GBPUS1.256TRLOPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0013127962	GBPUS1.257TRLOPENH	EUR	1,6000	2,0900	1,6000	160,0000	1	2,0900		100			
Certificate	NL0013127954	GBPUS1.258TRLOPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012208037	GBPUS1.258TRSOPENH	EUR											
Certificate	NL0013126477	GBPUS1.259TL OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012208029	GBPUS1.259TRSOPENH	EUR											
Certificate	NL0013126170	GBPUS1.261TRLOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0013126162	GBPUS1.262TRLOPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0013126469	GBPUS1.263TL OPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013004096	GBPUS1.264TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012199525	GBPUS1.264TRLOPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013126154	GBPUS1.265TRLOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013126147	GBPUS1.266TRLOPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013126451	GBPUS1.267TL OPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0013126139	GBPUS1.267TRLOPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012171755	GBPUS1.268TL OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0013126121	GBPUS1.268TRLOPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013124480	GBPUS1.269TL OPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013129711	GBPUS1.271TL OPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013087901	GBPUS1.271TRLOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012198436	GBPUS1.272TRLOPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013129398	GBPUS1.274TRLOPENH	EUR											
Certificate	NL0013181332	GBPUS1.291TRSOPENH	EUR											
Certificate	NL0013185861	GBPUS1.291TRSOPENH	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0013186067	GBPUS1.291TS OPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013181761	GBPUS1.291TS OPENH	EUR											
Certificate	NL0013181324	GBPUS1.292TRSOPENH	EUR											
Certificate	NL0013181316	GBPUS1.293TRSOPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013181308	GBPUS1.294TRSOPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0013181753	GBPUS1.294TS OPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0013181290	GBPUS1.295TRSOPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013181282	GBPUS1.296TRSOPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013181274	GBPUS1.297TRSOPENH	EUR	1,4800	1,4800	1,4800			1,4800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013181746	GBPUS1.297TS OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013181266	GBPUS1.298TRSOPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013181258	GBPUS1.299TRSOPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0013182785	GBPUS1.299TS OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013181233	GBPUS1.301TRSOPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013181738	GBPUS1.301TS OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0013181225	GBPUS1.302TRSOPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0013182165	GBPUS1.303TRSOPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013182330	GBPUS1.303TS OPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0013182157	GBPUS1.304TRSOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013183361	GBPUS1.305TRSOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0013182777	GBPUS1.305TS OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0013182645	GBPUS1.306TRSOPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0013154057	GBPUS1.307TS OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013133473	GBPUS1.308TRSOPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0013180623	GBPUS1.308TS OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0013134075	GBPUS1.309TRSOPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013134067	GBPUS1.311TRSOPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0013134059	GBPUS1.312TRSOPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013180615	GBPUS1.312TS OPENH	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0013134042	GBPUS1.313TRSOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0013132806	GBPUS1.314TRSOPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0013132798	GBPUS1.315TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0013132921	GBPUS1.315TS OPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0013132780	GBPUS1.316TRSOPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0013085731	GBPUS1.318TRSOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0013085723	GBPUS1.319TRSOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013086150	GBPUS1.319TS OPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0013085707	GBPUS1.321TRSOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0013085699	GBPUS1.322TRSOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0013086143	GBPUS1.322TS OPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0013085681	GBPUS1.323TRSOPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0013085673	GBPUS1.324TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0013085665	GBPUS1.325TRSOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0013086135	GBPUS1.325TS OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0013130800	GBPUS1.326TRSOPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0012904171	GBPUS1.327TRSOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012905509	GBPUS1.328TRSOPENH	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0013083124	GBPUS1.328TS OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012905491	GBPUS1.329TRSOPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012929319	GBPUS1.331TRSOPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012982250	GBPUS1.332TS OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012904163	GBPUS1.333TRSOPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0013085087	GBPUS1.333TS OPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012905483	GBPUS1.334TRSOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0013083942	GBPUS1.335TRSOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0012918965	GBPUS1.336TRSOPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	NL0013085079	GBPUS1.336TS OPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0012905475	GBPUS1.338TRSOPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012902316	GBPUS1.338TS OPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012918957	GBPUS1.339TRSOPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0013084700	GBPUS1.339TRSOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0013083934	GBPUS1.341TRSOPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0013131592	GBPUS1.342TRSOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012916373	GBPUS1.342TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012902308	GBPUS1.343TS OPENH	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0013083926	GBPUS1.344TRSOPENH	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0013082423	GBPUS1.345TRSOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012866230	GBPUS1.347TRSOPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0012866198	GBPUS1.351TRSOPENH	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CV89JC7	GBPUS1.351TS OPENZ	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012902290	GBPUS1.353TS OPENH	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	NL0012866156	GBPUS1.355TRSOPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012793293	GBPUS1.357TS OPENB	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0012886869	GBPUS1.362TS OPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0012848303	GBPUS1.365TRSOPENH	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0012615801	GBPUS1.369TRSOPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0012614663	GBPUS1.373TRSOPENH	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0012612832	GBPUS1.377TRSOPENH	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0012612790	GBPUS1.381TRSOPENH	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	NL0012612758	GBPUS1.385TRSOPENH	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	NL0012612717	GBPUS1.389TRSOPENH	EUR	9,5600	9,5600	9,5600			9,5600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012903900	GBPUS1.403TS OPENH	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	NL0012785596	GBPUS1.407TS OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0012614614	GBPUS1.408TRSOPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000CV88K12	GBPUS1.411TS OPENZ	EUR	11,6800	11,6800	11,6800			11,6800					
Certificate	NL0012784086	GBPUS1.432TS OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0012171649	GBPUS1.433TS OPENH	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	NL0012899645	GBPUS1.434TRSOPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0012171631	GBPUS1.443TS OPENH	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	NL0013082415	GBPUS1.445TRSOPENH	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	NL0012171623	GBPUS1.452TS OPENH	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	NL0012775266	GBPUS1.456TS OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0012171615	GBPUS1.462TS OPENH	EUR	17,3600	17,3600	17,3600			17,3600					
Certificate	NL0012904510	GBPUS1.465TRSOPENH	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	DE000CE6D608	GBPUS1.471TS OPENZ	EUR	16,9700	16,9700	16,9700			16,9700					
Certificate	NL0012171607	GBPUS1.472TS OPENH	EUR	18,2500	18,2500	18,2500			18,2500					
Certificate	NL0012898985	GBPUS1.504TRSOPENH	EUR	19,7600	19,7600	19,7600			19,7600					
Certificate	NL0012899637	GBPUS1.514TRSOPENH	EUR	20,6500	20,6500	20,6500			20,6500					
Certificate	DE000CE6EUR2	GBPUS1.539TS OPENZ	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	NL0012898969	GBPUS1.554TRSOPENH	EUR	24,1700	24,1700	24,1700			24,1700					
Certificate	DE000CV4ZV98	GBPUS1.609TS OPENZ	EUR	29,1300	29,1300	29,1300			29,1300					
Certificate	NL0012898944	GBPUS1.614TRSOPENH	EUR	29,4600	29,4600	29,4600			29,4600					
Certificate	NL0012578991	GBPUS1.631TS OPENH	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	NL0012898928	GBPUS1.674TRSOPENH	EUR	34,7500	34,7500	34,7500			34,7500					
Certificate	NL0012901938	GBPUS1.689TRSOPENH	EUR	36,0800	36,0800	36,0800			36,0800					
Certificate	DE0006874803	GBUGS PI OPENN	EUR	126,0300	126,0300	126,0300			126,0300					
Certificate	NL0011264189	GBUGS 79.7TL OPENB	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0011264197	GBUGS 96.2TL OPENB	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0011639588	GBUGS112.7TL OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0011642673	GBUGS128.9TL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0013151780	GBUGS152.1TS OPENB	EUR											
Certificate	NL0012985709	GBUGS175.2TS OPENB	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	NL0013010739	GBUGS201.3TS OPENB	EUR	6,7950	6,7950	6,7950			6,7950					
Certificate	NL0012021315	GBUGS232.2TS OPENB	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	DE000VN61X80	GDAXI LEVOPENV	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	DE000VN61X98	GDAXI LEVOPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000VN61YA6	GDAXI LEVOPENV	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000VL51217	GDAXI LEVOPENV	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000VN61X72	GDAXI LEVOPENV	EUR	11,3750	11,3750	11,3750			11,3750					
Certificate	DE000VL51233	GDAXI LEVOPENV	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	DE000VL51209	GDAXI LEVOPENV	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	DE000VL51241	GDAXI LEVOPENV	EUR											
Certificate	DE000VN61YB4	GDAXI SHROPENV	EUR	6,7150	6,7150	6,7150			6,7150					
Certificate	DE000VN61YD0	GDAXI SHROPENV	EUR	0,7300	0,7300	0,6750	3650,0000	1	0,6750	5000				
Certificate	DE000VN61YE8	GDAXI SHROPENV	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	DE000VN61YC2	GDAXI SHROPENV	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000VA234W3	GDAXI SHROPENV	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0000479152	GDRUG PI OPENN	EUR	23,5900	24,2300	23,5900			24,2300					
Certificate	NL0011521554	GE 31.2TS OPENB	EUR	24,2700	24,2700	23,9700	97,0800	1	23,9700	4				
Certificate	NL0011530662	GE 34.5TS OPENB	EUR	27,1800	27,1800	27,1800			27,1800					
Certificate	DE000CJ3PDM7	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PHJ4	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PUB4	GEAUT 13.5TL OPENZ	EUR	0,3400	0,3500	0,3400			0,3500					
Certificate	DE000CJ3N583	GEAUT 9.07TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CJ3NYE5	GEAUT10.59TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3NWG4	GEAUT12.11TL OPENZ	EUR	0,4900	0,5000	0,4900			0,5000					
Certificate	DE000CE6BQB0	GENMA LEVOPENZ	EUR	0,1250	0,1290	0,1250			0,1290					
Certificate	DE000CE6BQA2	GENMA SHROPENZ	EUR	0,8780	0,8780	0,8500			0,8500					
Certificate	NL0011425384	GENMA 476TL OPENB	EUR	7,3950	7,3950	7,3950			7,3950					
Certificate	NL0011425392	GENMA 528TL OPENB	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0011425400	GENMA 581TL OPENB	EUR	6,1050	6,1050	6,1050			6,1050					
Certificate	NL0011442751	GENMA 635TL OPENB	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0011649959	GENMA 688TL OPENB	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	NL0011651930	GENMA 740TL OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000VA9CY83	GENMA 1003TS OPENV	EUR											
Certificate	DE000VA9CWY3	GENMA 1008TS OPENV	EUR											
Certificate	DE000VA3TFH0	GENMA 1015TS OPENV	EUR											
Certificate	DE000VA3TFI6	GENMA 1017TS OPENV	EUR											
Certificate	NL0013012958	GENMA 1024TS OPENB	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000VA64XJ0	GENMA 1057TS OPENV	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000VA64XX8	GENMA 1061TS OPENV	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000VA6D500	GENMA 1109TS OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA6D518	GENMA 1111TS OPENV	EUR	2,2050	2,2050	2,2050			2,2050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013012966	GENMA 1114TS OPENB	EUR	3,4250	3,4250	3,4250			3,4250					
Certificate	DE000VA4Y0V4	GENMA 1131TS OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000VA5RB46	GENMA 1133TS OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000V176M20	GENMA 1135TL OPENV	EUR											
Certificate	DE000V176M05	GENMA 1155TL OPENV	EUR											
Certificate	DE000VA32492	GENMA 1155TS OPENV	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000VA15TN2	GENMA 1157TS OPENV	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000VA4RL52	GENMA 1174TS OPENV	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000VA5ELM5	GENMA 1191TS OPENV	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000VA4RM44	GENMA 1195TS OPENV	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	NL0012975700	GENMA 1214TS OPENB	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000VA1SQK7	GENMA 1237TL OPENV	EUR											
Certificate	DE000VA15S06	GENMA 1237TS OPENV	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	DE000VA15R64	GENMA 1257TS OPENV	EUR	4,1250	4,1250	4,1250			4,1250					
Certificate	DE000VA15R72	GENMA 1277TS OPENV	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	DE000VA1SQ67	GENMA 1297TS OPENV	EUR											
Certificate	DE000CE6FEB7	GENMA 1321TS OPENZ	EUR	5,9650	5,9650	5,8800			5,8800					
Certificate	DE000CN6IDA2	GENMA 634.TL OPENZ	EUR	5,5050	5,5900	5,5050			5,5900					
Certificate	DE000CJ3PMN6	GENMA565.5TL OPENZ	EUR	6,3600	6,4400	6,3600			6,4400					
Certificate	DE000VA8F3Y1	GENMA711.1TL OPENV	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	DE000CJ3N3A7	GENMA711.8TL OPENZ	EUR	4,5450	4,6300	4,5450			4,6300					
Certificate	DE000VA8FOH2	GENMA760.7TL OPENV	EUR	3,7550	3,7550	3,7550			3,7550					
Certificate	DE000VA8FZU9	GENMA761.1TL OPENV	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000CJ3PRQ8	GENMA789.4TL OPENZ	EUR	3,5850	3,6700	3,5850			3,6700					
Certificate	DE000VA8F386	GENMA810.6TS OPENV	EUR											
Certificate	DE000VA8F527	GENMA810.7TL OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000VA8F5Y6	GENMA811.2TL OPENV	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000VA9C2A5	GENMA860.8TL OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA87GF4	GENMA861.3TL OPENV	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CJ3PV21	GENMA869.4TL OPENZ	EUR	2,5650	2,6500	2,4900	2490,0000	1	2,6500	1000				
Certificate	DE000VA9OR13	GENMA910.8TL OPENV	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000VA9ORS8	GENMA911.8TL OPENV	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000VA9OUV0	GENMA958.1TS OPENV	EUR											
Certificate	DE000VA9OV66	GENMA960.8TL OPENV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA9OV33	GENMA961.9TL OPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000VA3TH65	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA2T745	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA3TEX0	GENMA994.6TL OPENV	EUR											
Certificate	DE000VA3TEZ5	GENMA995.3TL OPENV	EUR											
Certificate	DE000VA3TH73	GENMA997.1TS OPENV	EUR											
Certificate	DE000CJ3P141	GFS 1.2TL OPENZ	EUR	0,9400	0,9700	0,9400			0,9700					
Certificate	DE000CJ3P158	GFS 1.4TL OPENZ	EUR	0,7200	0,7500	0,7200			0,7500					
Certificate	DE000CV880E9	GFS 1.6TL OPENZ	EUR	0,5200	0,5500	0,5200			0,5500					
Certificate	DE000CX598V9	GILEA 60TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CD638X3	GILEA58.31TL OPENZ	EUR	0,5300	0,5800	0,5300			0,5800					
Certificate	DE000CD61PF4	GILEA63.78TL OPENZ	EUR	0,3000	0,3500	0,3000			0,3500					
Certificate	DE000CV89B87	GIMV 28.58TL OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CE6D6C6	GIMV 32.89TL OPENZ	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CE6CQM5	GIMV 37.08TL OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CE6CQL7	GIMV 41.28TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CV4ZTV5	GIMV 43.23TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CV4YVD6	GIVN 1759TL OPENZ	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000CV508T4	GIVN 1962TL OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000CV89SN5	GIVN 2165TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CR9Q7V8	GLAXO10.03TL OPENZ	EUR	1,3000	1,3550	1,3000			1,3550					
Certificate	DE000CR9PR57	GLAXO10.86TL OPENZ	EUR	1,1100	1,1750	1,1100			1,1750					
Certificate	DE000CN6FBU2	GLAXO11.87TL OPENZ	EUR	0,8800	0,9450	0,8800			0,9450					
Certificate	DE000CV886G1	GLAXO12.86TL OPENZ	EUR	0,6600	0,7150	0,6600			0,7150					
Certificate	DE000CJ3PF39	GLAXO14.36TL OPENZ	EUR	0,3200	0,3850	0,3200			0,3850					
Certificate	DE000CR9ROA6	GLAXO8.994TL OPENZ	EUR	1,5300	1,5950	1,5300			1,5950					
Certificate	DE000CN6HWG3	GLENC 0.68TL OPENZ	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000CN6K8C4	GLENC 1.22TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CD63559	GLENC 1.93TL OPENZ	EUR	1,1700	1,1950	1,1700	117,0000	1	1,1950	100				
Certificate	DE000CD63EL2	GLENC 2.25TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CD64C38	GLENC 2.62TL OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013110422	GLPG LEVOPENZ	EUR	39,0200	42,2300	39,0200			42,2300					
Certificate	XS1894611869	GLPG STN1021B	EUR	97,6200	97,7000	97,2000	76191,0000	2	97,5200	78000				
Certificate	DE000CR9R185	GLPG 33TL OPENZ	EUR	2,8250	2,8950	2,8200	17010,0000	2	2,8950	6000				
Certificate	DE000CY50WZ7	GLPG 50TL OPENC	EUR	3,9000	4,0300	3,8900	3900,0000	1	4,0300	1000				
Certificate	DE000CY50UM9	GLPG 50TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CY50X00	GLPG 55TL OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CY50J08	GLPG 56TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY50116	GLPG 58TL OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CY50157	GLPG 58TL OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CY50165	GLPG 60TL OPENC	EUR	3,0200	3,0500	3,0200	151,0000		3,0500					
Certificate	DE000CY16M30	GLPG 60TL OPENC	EUR	2,8400	2,9300	2,8300	852,0000	1		50				
Certificate	DE000CY511D9	GLPG 62TL OPENC	EUR	2,7500	2,7500	2,7500		2		300				
Certificate	LU1876930808	GLPG 64TCIOPENS	EUR	25,9800	25,9800	25,6100			25,6100					
Certificate	DE000CY511B3	GLPG 65TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CY52BE2	GLPG 65TL OPENC	EUR	2,5100	2,6100	2,4700	11776,0000	4		4600				
Certificate	DE000CY516N7	GLPG 70TL OPENC	EUR	2,0500	2,0800	1,9000	34452,5200	40		17134				
Certificate	DE000CY514E1	GLPG 70TL OPENC	EUR											
Certificate	DE000CQ58NF6	GLPG 75TL OPENC	EUR	1,4800	1,5100	1,4700	148,0000	1	1,5100	100				
Certificate	DE000CQ58089	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ58P02	GLPG 75TL OPENC	EUR	1,5900	1,6700	1,5900	238,5000	1	1,6700	150				
Certificate	DE000CQ582J7	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ58097	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ582K5	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ5ACT2	GLPG 85TS OPENC	EUR											
Certificate	DE000CQ5AK99	GLPG 85TS OPENC	EUR											
Certificate	LU1876930980	GLPG 88TCIOPENS	EUR											
Certificate	LU1876935781	GLPG 90TPIOPENS	EUR	3,5900	3,9900	3,5900			3,9900					
Certificate	DE000CP234Q1	GLPG 90TS OPENC	EUR											
Certificate	NL0012976625	GLPG 91BOC0619B	EUR	87,7900	87,7900	87,7900				87,7900				
Certificate	LU1876935864	GLPG 92TPIOPENS	EUR	5,5200	5,9300	5,5200				5,9300				
Certificate	LU1876935948	GLPG 94TPIOPENS	EUR	7,4600	7,8700	7,4600				7,8700				
Certificate	NL0012796957	GLPG 96BOC0619Z	EUR	86,6300	87,4600	86,6300				87,4600				
Certificate	LU1876936086	GLPG 96TPIOPENS	EUR	9,4100	9,8100	9,4100				9,8100				
Certificate	DE000CP06PH9	GLPG 100TS OPENC	EUR	1,5900	1,5900	1,5900				1,5900				
Certificate	DE000CP06MA1	GLPG 100TS OPENC	EUR	1,3300	1,3300	1,3300				1,3300				
Certificate	NL0012796403	GLPG 101BOC0919Z	EUR	87,5000	88,5700	87,5000				88,5700				
Certificate	NL0012793038	GLPG 103BOC1218B	EUR	101,8000	101,8000	101,8000				101,8000				
Certificate	NL0012796668	GLPG 105BOC0919Z	EUR	87,1200	88,4600	87,1200				88,4600				
Certificate	NL0012796411	GLPG 105BOC1219Z	EUR	87,5500	88,7000	87,5500				88,7000				
Certificate	NL0012796676	GLPG 105BOC1219Z	EUR	87,5500	88,7000	87,5500				88,7000				
Certificate	DE000CY51C12	GLPG 110TS OPENC	EUR	2,4000	2,4000	2,4000				2,4000				
Certificate	DE000CY51AC0	GLPG 110TS OPENC	EUR	2,1200	2,1200	2,1200				2,1200				
Certificate	NL0012796684	GLPG 115BOC1219Z	EUR	86,4000	87,9300	86,4000				87,9300				
Certificate	DE000CP06K19	GLPG 120TS OPENC	EUR	3,3200	3,3200	3,3200				3,3200				
Certificate	DE000CP06K50	GLPG 120TS OPENC	EUR	3,6500	3,6500	3,6500				3,6500				
Certificate	DE000CP06K68	GLPG 130TS OPENC	EUR	4,6900	4,6900	4,6900				4,6900				
Certificate	DE000CP06K27	GLPG 130TS OPENC	EUR	4,3100	4,3100	4,3100				4,3100				
Certificate	NL0011898101	GLPG 41.3TL OPENB	EUR	50,4900	50,4900	50,4900				50,4900				
Certificate	NL0011818539	GLPG 43.3TL OPENB	EUR	48,6900	48,6900	48,6900				48,6900				
Certificate	NL0011898119	GLPG 45.5TL OPENB	EUR	46,7100	46,7100	46,7100				46,7100				
Certificate	NL0012016281	GLPG 50.3TL OPENB	EUR	42,3300	42,3300	42,3300				42,3300				
Certificate	NL0012592794	GLPG 52.6TL OPENH	EUR	4,0600	4,0800	4,0600				4,0800				
Certificate	NL0012016489	GLPG 52.9TL OPENB	EUR	39,9800	39,9800	39,9800				39,9800				
Certificate	NL0012030472	GLPG 55.5TL OPENB	EUR	37,5600	37,5600	37,5600				37,5600				
Certificate	NL0012100606	GLPG 58.3TL OPENB	EUR	35,2700	35,2700	35,0200	705,4000	1	35,0200	20				
Certificate	NL0012108377	GLPG 61.3TL OPENB	EUR	32,2400	32,3100	32,1900	2418,0000	1	32,3100	75				
Certificate	NL0012580906	GLPG 62.7TL OPENH	EUR	3,1400	3,1600	3,1400				3,1600				
Certificate	DE000CF6BH80	GLPG 65.7TL OPENZ	EUR	1,3200	1,3700	1,3000	8112,1300	4	1,3650	6149				
Certificate	NL0012488019	GLPG 66.4TL OPENB	EUR	28,1800	28,1800	27,6600	15291,0000	2	27,6700	550				
Certificate	NL0012692172	GLPG 69.4TL OPENB	EUR	25,0900	25,1000	24,9400	6013,6000	2	24,9400	240				
Certificate	NL0012976898	GLPG 72.5TL OPENB	EUR	22,1500	22,1500	22,1500				22,1500				
Certificate	NL0012976906	GLPG 75.5TL OPENB	EUR	20,1900	20,1900	19,4000	1009,5000	1	19,4000	50				
Certificate	NL0012978407	GLPG 78.5TL OPENB	EUR	16,6800	16,6800	16,6800				16,6800				
Certificate	NL0012997001	GLPG 81.5TL OPENB	EUR	13,2200	14,0500	13,1900	7354,8000	2	13,9700	540				
Certificate	NL0013153398	GLPG 95.1TS OPENB	EUR	1,7550	1,7550	1,7550				1,7550				
Certificate	LU1784830991	GLPG 96.8TS OPENS	EUR											
Certificate	NL0013001936	GLPG 100.9TS OPENB	EUR	2,4050	2,4050	2,4050				2,4050				
Certificate	LU1840348830	GLPG 103.4TPIOPENS	EUR	16,0800	16,4700	16,0800				16,4700				
Certificate	NL0012677488	GLPG 104.7BS OPENB	EUR	18,6900	18,6900	18,6900				18,6900				
Certificate	NL0012910558	GLPG 105.1TS OPENH	EUR	2,8200	2,8300	2,8200				2,8300				
Certificate	DE000CE6CEZ3	GLPG 105.5TS OPENZ	EUR	1,3150	1,3150	1,2400	44445,0000	11	1,2450	34750				
Certificate	LU1784830728	GLPG 105.6TS OPENS	EUR											
Certificate	NL0013002975	GLPG 106.9TS OPENB	EUR	3,0900	3,0900	3,0750	945,5400	1	3,0750	306				
Certificate	LU1817318188	GLPG 107.2TPIOPENS	EUR	19,7900	20,1700	19,7900				20,1700				
Certificate	NL0012984355	GLPG 107.7BS OPENB	EUR	21,6600	21,6600	21,6600				21,6600				
Certificate	NL0012985618	GLPG 110.6BS OPENB	EUR	24,6300	24,6300	24,6300				24,6300				
Certificate	LU1817318261	GLPG 112.3TPIOPENS	EUR	24,8300	25,2000	24,8300				25,2000				
Certificate	NL0012997266	GLPG 113.6BS OPENB	EUR	27,6300	27,6300	27,6300				27,6300				
Certificate	DE000CV8A6J6	GLPG 114.8TS OPENZ	EUR	3,6250	3,6250	3,4900				3,4900				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AGL7	GLPG 124.1TS OPENZ	EUR	4,6350	4,6350	4,4900			4,4900					
Certificate	DE000CNGJF02	GLPG 18.44TL OPENZ	EUR	3,5050	3,5750	3,5000	42150,0000	4	3,5750	12000				
Certificate	DE000CNGEQE7	GLPG 21.64TL OPENZ	EUR	3,3550	3,4250	3,3500	20220,0000	2	3,4250	6000				
Certificate	DE000CNGEN80	GLPG 25.44TL OPENZ	EUR	3,1750	3,2550	3,1750	19170,0000	2	3,2550	6000				
Certificate	DE000CNGETT9	GLPG 36.71TL OPENZ	EUR	2,6550	2,7250	2,6500	15990,0000	2	2,7250	6000				
Certificate	DE000CNGJU44	GLPG 39.62TL OPENZ	EUR	2,5150	2,5850	2,5100	15180,0000	2	2,5850	6000				
Certificate	NL0011899190	GLPG 42.69BL OPENB	EUR	46,5100	46,5100	46,5100			46,5100					
Certificate	DE000CNGL865	GLPG 43.19TL OPENZ	EUR	2,3450	2,4250	2,3450			2,4250					
Certificate	NL0011899216	GLPG 46.95BL OPENB	EUR	42,2400	42,2400	42,2400			42,2400					
Certificate	DE000CD61LN7	GLPG 47.24TL OPENZ	EUR	2,1650	2,2350	2,1650			2,2350					
Certificate	NL0011915012	GLPG 49.06BL OPENB	EUR	40,1300	40,1300	40,1300			40,1300					
Certificate	NL0012016380	GLPG 51.18BL OPENB	EUR	38,0100	38,0100	38,0100			38,0100					
Certificate	DE000CD62S08	GLPG 51.26TL OPENZ	EUR	1,9750	2,0450	1,9750			2,0450					
Certificate	NL0012016562	GLPG 53.29BL OPENB	EUR	35,9000	35,9000	35,9000			35,9000					
Certificate	NL0012028856	GLPG 55.39BL OPENB	EUR	33,3500	34,0000	33,1500	97601,0000	11	33,8000	2900				
Certificate	DE000CD63MR2	GLPG 55.77TL OPENZ	EUR	1,7650	1,8350	1,7650	54,0000	1	1,8350	30				
Certificate	NL0012585293	GLPG 56.62TL OPENH	EUR	3,6900	3,7200	3,6900			3,7200					
Certificate	NL0012100044	GLPG 57.49BL OPENB	EUR	31,7500	31,7500	31,7500			31,7500					
Certificate	NL0012100929	GLPG 59.59BL OPENB	EUR	29,8100	29,8100	29,6000	298,1000	1	29,6000	10				
Certificate	DE000CD645U4	GLPG 60.19TL OPENZ	EUR	1,5550	1,6250	1,5550			1,6250					
Certificate	NL0012102263	GLPG 61.69BL OPENB	EUR	26,8100	27,5000	26,7600	536,2000	1	27,5000	20				
Certificate	NL0012113682	GLPG 63.77BL OPENB	EUR	25,9300	25,9300	25,4200	1037,2000	1	25,4200	40				
Certificate	LU1650907055	GLPG 65.39TCIOPENS	EUR	23,2000	23,2000	22,8300			22,8300					
Certificate	NL0012580898	GLPG 66.76TL OPENH	EUR	2,7700	2,7900	2,7700			2,7900					
Certificate	NL0012488100	GLPG 66.87BL OPENB	EUR	23,2600	23,2600	23,1700	232,6000	1	23,1700	10				
Certificate	LU1573743462	GLPG 67.31TCIOPENS	EUR	20,8100	21,2300	20,4300	3626,3300	2	20,4300	175				
Certificate	LU1650954560	GLPG 69.61TCIOPENS	EUR	18,9300	19,0200	17,7100	20989,1000	8	18,5400	1150				
Certificate	NL0012700959	GLPG 69.94BL OPENB	EUR	20,3400	20,3900	20,1100	3051,0000	1	20,1100	150				
Certificate	NL0012580880	GLPG 70.79TL OPENH	EUR	2,4000	2,4300	2,3600	9607,5000	4	2,4300	4000				
Certificate	DE000CE6E929	GLPG 72.24TL OPENZ	EUR	1,9850	2,1300	1,9850	4282,4000	7	2,1300	2090				
Certificate	LU1790451410	GLPG 72.57TCIOPENS	EUR	16,8600	16,8600	16,4800			16,4800					
Certificate	NL0012976682	GLPG 72.96BL OPENB	EUR	16,8300	17,9100	16,2000	36813,7000	10	17,0800	2120				
Certificate	NL0012977359	GLPG 75.99BL OPENB	EUR	13,3800	14,0500	13,3800	1338,0000	1	14,0500	100				
Certificate	NL0012935738	GLPG 76.69TL OPENH	EUR	1,8700	1,8900	1,8700	336,6000	1	1,8900	180				
Certificate	LU1817217661	GLPG 77.23TCIOPENS	EUR	12,5700	12,5700	12,1900	2131,8000	1	12,1900	170				
Certificate	DE000CJ3N617	GLPG 78.38TL OPENZ	EUR	1,4150	1,5500	1,4150	1036,0000	3	1,5500	700				
Certificate	NL0012979439	GLPG 79.01BL OPENB	EUR	11,1800	11,5000	10,0800	32291,7000	6	11,0300	2920				
Certificate	LU1817216267	GLPG 79.12TCIOPENS	EUR	10,7200	10,7200	10,3300			10,3300					
Certificate	LU1817292367	GLPG 81.44TCIOPENS	EUR	8,4800	8,4800	8,0900			8,0900					
Certificate	NL0012996839	GLPG 82.03BL OPENB	EUR	7,0900	8,8600	7,0900	28211,2000	14	8,0200	3400				
Certificate	LU1859906726	GLPG 85.19TCIOPENS	EUR	5,2400	5,2400	4,6800	256,7600	1	4,6800	49				
Certificate	NL0013155468	GLPG 92.748S OPENB	EUR	0,7000	0,7000	0,6000	11674,3000	7	0,6850	18163				
Certificate	DE000CJ3QHD5	GLPG 95.51TS OPENZ	EUR	1,5450	1,5450	1,4000			1,4000					
Certificate	NL0013004443	GLPG 98.738S OPENB	EUR	1,3000	1,3000	1,2850	395,2000	1	1,2850	304				
Certificate	LU1859714146	GLPG 98.85TCIOPENS	EUR	11,9200	12,3200	11,9200			12,3200					
Certificate	NL0012370779	GMLTO 31TL OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CV52M84	GMLTO 45TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CW3AWX9	GMLTO 70TS OPENC	EUR											
Certificate	NL0012435267	GMLTO 70TS OPENH	EUR	2,7100	2,7300	2,7100			2,7300					
Certificate	DE000CX00M47	GMLTO 75TS OPENC	EUR											
Certificate	DE000CW3AE57	GMLTO 80TS OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CX00N95	GMLTO 80TS OPENC	EUR											
Certificate	NL0012438279	GMLTO 12.4TL OPENH	EUR	3,9400	3,9500	3,9400			3,9500					
Certificate	NL0011991138	GMLTO 16.4TL OPENH	EUR	3,5700	3,5800	3,5700			3,5800					
Certificate	NL0011991120	GMLTO 20.6TL OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012526552	GMLTO 24.5TL OPENH	EUR	2,8400	2,8500	2,8400			2,8500					
Certificate	NL0012500672	GMLTO 25.8TL OPENB	EUR	26,6000	26,6000	26,6000			26,6000					
Certificate	NL0011416433	GMLTO 27.4TL OPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0012499677	GMLTO 28.9TL OPENB	EUR	23,7500	23,7500	23,7500			23,7500					
Certificate	NL0012527956	GMLTO 30.6TL OPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012541767	GMLTO 30.7TL OPENH	EUR	2,2700	2,2800	2,2700			2,2800					
Certificate	NL0012693170	GMLTO 31.9TL OPENB	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0012548192	GMLTO 34.3TL OPENH	EUR	1,9400	1,9500	1,9400			1,9500					
Certificate	NL0012548184	GMLTO 36.4TL OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012548176	GMLTO 38.4TL OPENH	EUR	1,5700	1,5800	1,5700			1,5800					
Certificate	NL0012548168	GMLTO 40.4TL OPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012548150	GMLTO 42.5TL OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012549091	GMLTO 44.5TL OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012549943	GMLTO 46.5TL OPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012494579	GMLTO 53.4BOC12188	EUR	53,1500	53,1500	53,1500			53,1500					
Certificate	NL0012523898	GMLTO 54.5TS OPENH	EUR	0,9900	1,0000	0,9900			1,0000					
Certificate	NL0012206783	GMLTO 57.8TS OPENH	EUR	1,3500	1,3700	1,3500			1,3700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012437891	GMLTO 62.2TS OPENH	EUR	1,8500	1,8600	1,8500			1,8600					
Certificate	NL0011425418	GMLTO 63.4TS OPENB	EUR	18,0000	18,0000	18,0000			18,0000					
Certificate	NL0011991039	GMLTO 64.5TS OPENH	EUR	2,1000	2,1100	2,1000			2,1100					
Certificate	NL0012240147	GMLTO 73.2TS OPENH	EUR	3,0700	3,0800	3,0700			3,0800					
Certificate	NL0012330187	GMLTO 83.4TS OPENH	EUR	4,1900	4,2100	4,1900			4,2100					
Certificate	NL0011713904	GMLTO 95.8TS OPENH	EUR	5,5700	5,5900	5,5700			5,5900					
Certificate	NL0012488951	GMLTO26.918L OPENB	EUR	24,6600	24,6600	24,6600			24,6600					
Certificate	DE000CE6F264	GMLTO27.05TL OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012500581	GMLTO28.988L OPENB	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	DE000CE6EY00	GMLTO29.16TL OPENZ	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012279590	GMLTO31.048L OPENB	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CE6EMM0	GMLTO31.23TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0011442587	GMLTO61.068S OPENB	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CR9S779	GMLTO61.26TS OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0011903802	GMOTR 25.7TL OPENB	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0009938836	GMOTR11.63TL OPENB	EUR	22,9400	22,9400	22,9400			22,9400					
Certificate	NL0010132064	GMOTR13.96TL OPENB	EUR	21,0600	21,0600	21,0600			21,0600					
Certificate	NL0011917034	GMOTR28.58TL OPENB	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000VN610B3	GOLD LEVOPENV	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VN61296	GOLD LEVOPENV	EUR	9,4850	9,4850	9,4850			9,4850					
Certificate	DE000VN610A5	GOLD LEVOPENV	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	DE000CE6C1A2	GOLD LEVOPENZ	EUR	8,5450	8,5450	8,5450			8,5450					
Certificate	DE000CE6C1D6	GOLD LEVOPENZ	EUR	2,1740	2,1740	2,1740			2,1740					
Certificate	DE000CE6C1B0	GOLD LEVOPENZ	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0000778801	GOLD PI OPENN	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000VN610E7	GOLD SHROPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000VN610C1	GOLD SHROPENV	EUR	8,9350	8,9350	8,9350			8,9350					
Certificate	DE000VN610D9	GOLD SHROPENV	EUR	3,8850	3,8850	3,8850			3,8850					
Certificate	DE000CE6C1E4	GOLD SHROPENZ	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	DE000CE6C1C8	GOLD SHROPENZ	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0000457703	GOLD 604TL OPENB	EUR	56,8200	56,8200	56,8200			56,8200					
Certificate	NL0000457679	GOLD 622TL OPENB	EUR	55,3700	55,3700	55,3700			55,3700					
Certificate	NL0000459378	GOLD 641TL OPENB	EUR	53,7300	53,7300	53,7300			53,7300					
Certificate	NL0000452894	GOLD 656TL OPENB	EUR	52,4600	52,4600	52,4600			52,4600					
Certificate	NL0011048707	GOLD 668TL OPENH	EUR	49,7100	49,7100	49,7100			49,7100					
Certificate	NL0000174795	GOLD 670TL OPENB	EUR	51,2800	51,2800	51,2800			51,2800					
Certificate	NL0000430742	GOLD 672TL OPENB	EUR	51,1200	51,1200	51,1200			51,1200					
Certificate	NL0000431138	GOLD 702TL OPENB	EUR	48,6600	48,6600	48,6600			48,6600					
Certificate	NL0000171015	GOLD 726TL OPENB	EUR	46,5800	46,5800	46,5800			46,5800					
Certificate	NL0000171262	GOLD 742TL OPENB	EUR	45,2900	45,2900	45,2900			45,2900					
Certificate	NL0000172435	GOLD 768TL OPENB	EUR	43,0700	43,0700	43,0700			43,0700					
Certificate	NL0000172443	GOLD 783TL OPENB	EUR	41,8500	41,8500	41,8500			41,8500					
Certificate	NL0000174092	GOLD 794TL OPENB	EUR	40,8700	40,8700	40,8700			40,8700					
Certificate	NL0000173045	GOLD 812TL OPENB	EUR	39,4100	39,4100	39,4100			39,4100					
Certificate	NL0000377968	GOLD 832TL OPENB	EUR	35,6500	35,6500	35,6500			35,6500					
Certificate	NL0000078327	GOLD 864TL OPENB	EUR	34,9600	34,9600	34,9600			34,9600					
Certificate	DE000CV8AVT9	GOLD 900TL 1218Z	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0006473126	GOLD 906TL OPENB	EUR	29,2600	29,2600	29,2600			29,2600					
Certificate	DE000CX0K6H2	GOLD 920TL OPENC	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	NL0006518250	GOLD 932TL OPENB	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	DE000CX0K6G4	GOLD 950TL OPENC	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	NL0006520884	GOLD 959TL OPENB	EUR	24,6300	24,6300	24,6300			24,6300					
Certificate	DE000CW42322	GOLD 980TL OPENC	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CX0K6F6	GOLD 980TL OPENC	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	NL0006521288	GOLD 986TL OPENB	EUR	22,2700	22,2700	22,2700			22,2700					
Certificate	DE000CV8A427	GOLD 1000TL 1218Z	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CC5KZ25	GOLD 1000TL OPENC	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	DE000CP06586	GOLD 1000TL OPENC	EUR	21,1000	21,1000	21,1000			21,1000					
Certificate	DE000CW0JYK9	GOLD 1000TL OPENC	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	LU1816980129	GOLD 1003TCIOPENS	EUR	17,5100	17,5100	17,5100			17,5100					
Certificate	NL0011417688	GOLD 1010TL OPENH	EUR	20,0300	20,0300	20,0300			20,0300					
Certificate	NL0011408133	GOLD 1010TRL OPENH	EUR	18,9500	18,9500	18,9500			18,9500					
Certificate	NL0010876017	GOLD 1012TL OPENB	EUR	20,0700	20,0700	20,0700			20,0700					
Certificate	NL0006527384	GOLD 1015TL OPENB	EUR	19,7600	19,7600	19,7600			19,7600					
Certificate	DE000VA7TEN2	GOLD 1017TL OPENV	EUR	19,5050	19,5050	19,5050			19,5050					
Certificate	DE000CB1NF48	GOLD 1017TL OPENZ	EUR	18,0350	18,0350	18,0350			18,0350					
Certificate	DE000CW0JYL7	GOLD 1020TL OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0011048657	GOLD 1023TL OPENH	EUR	18,9200	18,9200	18,9200			18,9200					
Certificate	NL0011524517	GOLD 1025BL OPENB	EUR	17,4350	17,4350	17,4350			17,4350					
Certificate	DE000CP04SN7	GOLD 1025TL OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CC5KZY8	GOLD 1025TL OPENC	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000VASEC3	GOLD 1026TL OPENV	EUR	18,4450	18,4450	18,4450			18,4450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRJL3	GOLD 1026TL OPENV	EUR	16,7650	16,7650	16,7650			16,7650					
Certificate	DE000CV4Z0F2	GOLD 1037TL OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000VAGEGZ5	GOLD 1038TL OPENV	EUR	15,3400	15,8750	15,3400	337,4800	1	15,8750	22				
Certificate	NL0006527392	GOLD 1046TL OPENB	EUR	17,1600	17,1600	17,1600								
Certificate	NL0011048640	GOLD 1046TL OPENH	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	DE000VA4Y1V2	GOLD 1046TL OPENV	EUR	14,9150	14,9150	14,9150			14,9150					
Certificate	DE000VA4Y1U4	GOLD 1046TL OPENV	EUR	16,6750	16,6750	16,6750			16,6750					
Certificate	DE000CV8A419	GOLD 1050TL 1218Z	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0010897146	GOLD 1053BL OPENB	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	LU1816980392	GOLD 1053TCIOPENS	EUR	12,9900	13,1000	12,9900			13,1000					
Certificate	DE000CR9R201	GOLD 1053TL OPENZ	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	NL0011408125	GOLD 1055TRLOPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	NL0011601257	GOLD 1056TL OPENH	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	DE000CX0KBQ1	GOLD 1060TL OPENC	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000VN66XC3	GOLD 1061TL OPENV	EUR	11,5650	11,5650	11,5650			11,5650					
Certificate	DE000VAGEGH3	GOLD 1066TL OPENV	EUR	15,1550	15,1550	15,1550			15,1550					
Certificate	NL0011417548	GOLD 1066TRLOPENH	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	NL0011048632	GOLD 1068TL OPENH	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	DE000VA6EG29	GOLD 1068TL OPENV	EUR	13,2150	13,2150	13,2150			13,2150					
Certificate	DE000VLSRYU0	GOLD 1069TL OPENV	EUR	13,4350	13,4350	13,4350			13,4350					
Certificate	NL0012989453	GOLD 1073BL OPENB	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CR9R121	GOLD 1073TL OPENZ	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0006527400	GOLD 1076TL OPENB	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	DE000VA7PSR1	GOLD 1077TL OPENV	EUR	14,2750	14,2750	14,2750			14,2750					
Certificate	NL0011417530	GOLD 1078TRLOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	DE000CN66CN3	GOLD 1079TL OPENZ	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	DE000CP063P6	GOLD 1080TL OPENC	EUR	14,1500	14,1500	14,1500			14,1500					
Certificate	DE000VN66XD1	GOLD 1081TL OPENV	EUR	9,7450	9,7450	9,7450			9,7450					
Certificate	NL0012989818	GOLD 1087TL OPENB	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	DE000VL37D12	GOLD 1087TL OPENV	EUR	11,6550	11,6550	11,6550			11,6550					
Certificate	NL0011048624	GOLD 1090TL OPENH	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	NL0011417522	GOLD 1090TRLOPENH	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	DE000CB4TDG7	GOLD 1093TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000VAGEGL5	GOLD 1096TL OPENV	EUR	12,5550	12,5550	12,5550			12,5550					
Certificate	DE000CV88RN9	GOLD 1100TL 1218Z	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CQ5BUL9	GOLD 1100TL OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000CY16Q36	GOLD 1100TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0011408117	GOLD 1101TRLOPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	LU179048978	GOLD 1102TCIOPENS	EUR	8,0200	8,1300	8,0200	23,2000	2	8,1300	2				
Certificate	NL0009071398	GOLD 1103TL OPENB	EUR	11,6300	12,2000	11,5700			12,2000					
Certificate	NL0012101489	GOLD 1106TL OPENB	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000VL37D20	GOLD 1107TL OPENV	EUR	9,8850	9,8850	9,8850			9,8850					
Certificate	LU1651059070	GOLD 1109TCIOPENS	EUR	4,6200	4,7400	4,6200			4,7400					
Certificate	DE000CV8APV7	GOLD 1110TL OPENZ	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0010897153	GOLD 1112BL OPENB	EUR	9,7850	9,7850	9,7850			9,7850					
Certificate	NL0011048616	GOLD 1112TL OPENH	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	NL0012981088	GOLD 1113BL OPENB	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	NL0010441531	GOLD 1113BL OPENB	EUR	9,6550	9,6550	9,6550			9,6550					
Certificate	DE000VAGEGP6	GOLD 1116TL OPENV	EUR	10,8150	10,8150	10,8150			10,8150					
Certificate	DE000VAGTY61	GOLD 1118TL OPENV	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	DE000CN6EUV7	GOLD 1119TL OPENZ	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	DE000CV50ZT3	GOLD 1120TL OPENC	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0011594080	GOLD 1122TL OPENH	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	NL0010876025	GOLD 1125TL OPENB	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	NL0009170935	GOLD 1126TL OPENB	EUR	9,5600	10,1450	9,5450	114,7200	1	10,1450	12				
Certificate	DE000VASRJM1	GOLD 1126TL OPENV	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	DE000VN66JW0	GOLD 1129TL OPENV	EUR	8,1050	8,1050	8,1050			8,1050					
Certificate	DE000VN66KA4	GOLD 1130TL OPENV	EUR	6,1250	6,1250	6,1250			6,1250					
Certificate	DE000CB4TPD8	GOLD 1130TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0012099683	GOLD 1134BL OPENB	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0011048608	GOLD 1134TL OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0011417506	GOLD 1134TRLOPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VAGEGS0	GOLD 1136TL OPENV	EUR	9,0850	9,0850	9,0850			9,0850					
Certificate	NL0012989271	GOLD 1137TL OPENB	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	NL0011594072	GOLD 1137TL OPENH	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VAGEGS2	GOLD 1138TL OPENV	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	NL0011594064	GOLD 1142TL OPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0011407705	GOLD 1145TRLOPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0011263561	GOLD 1146BL OPENB	EUR	6,8050	6,8050	6,8050			6,8050					
Certificate	NL0011593520	GOLD 1147TL OPENH	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	DE000CV8AXQ1	GOLD 1147TL OPENZ	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CV88RM1	GOLD 1150TL 1218Z	EUR	0,6450	0,6450	0,6450			0,6450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58UM7	GOLD 1150TL OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0011530860	GOLD 1152TL OPENB	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	DE000CR9QX90	GOLD 1157TL OPENZ	EUR	5,9900	5,9900	5,7150	748,7500	1	5,7150	125				
Certificate	NL0011593512	GOLD 1158TL OPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	DE000CP061W6	GOLD 1160TL OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CQ58FX5	GOLD 1160TL OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CR9R4Z5	GOLD 1160TL OPENZ	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0011812300	GOLD 1161TL OPENB	EUR	6,6200	7,1800	6,6200	2979,0000	1	7,1800	450				
Certificate	NL0011594056	GOLD 1161TL OPENH	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VASRJK5	GOLD 1165TL OPENV	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	DE000VASRJN9	GOLD 1166TL OPENV	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000CV8AVX1	GOLD 1167TL OPENZ	EUR	4,8550	4,8550	4,8550			4,8550					
Certificate	NL0012975833	GOLD 1168BL OPENB	EUR	4,2100	4,8400	4,2100	2105,0000	1	4,8400	500				
Certificate	NL0011407697	GOLD 1168TRLOPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CP061X4	GOLD 1170TL OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0011259635	GOLD 1174BL OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000VAGEGW2	GOLD 1176TL OPENV	EUR	5,6150	5,6150	5,6150			5,6150					
Certificate	DE000CR9QUV7	GOLD 1177TL OPENZ	EUR	4,3000	4,3000	3,9300	473,0000	1	3,9300	110				
Certificate	DE000VA6EG86	GOLD 1178TL OPENV	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CP06594	GOLD 1180TL OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CP063Q4	GOLD 1180TL OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012991087	GOLD 1181TL OPENB	EUR	4,8200	5,4600	4,7500	54402,0000	3	5,4600	11200				
Certificate	LU1841026419	GOLD 1187TCIOPENS	EUR	1,6900	1,8000	1,6900			1,8000					
Certificate	DE000VA715Y4	GOLD 1187TL OPENV	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	DE000CJ3NYT3	GOLD 1187TL OPENZ	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	DE000VA71507	GOLD 1189TL OPENV	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	DE000CP06YW0	GOLD 1190TL OPENC	EUR	1,5000	2,1700	1,5000	3375,0000	1	2,1700	2250				
Certificate	NL0013011919	GOLD 1194BL OPENB	EUR	3,0200	3,0200	2,5100	45602,0000	3	2,5100	15100				
Certificate	DE000CJ3N799	GOLD 1196TL OPENZ	EUR	1,5000	2,3000	1,5000	1220,0000	2	2,2500	600				
Certificate	DE000VA9C2X7	GOLD 1199TL OPENV	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	DE000CP06YX8	GOLD 1200TL OPENC	EUR											
Certificate	DE000CY50LT3	GOLD 1200TL OPENC	EUR											
Certificate	DE000CP07CH5	GOLD 1200TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CJ3N8N9	GOLD 1200TL OPENZ	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	NL0013155583	GOLD 1201TL OPENB	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000VA90VE0	GOLD 1202TL OPENV	EUR											
Certificate	DE000VA90VC4	GOLD 1209TL OPENV	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	DE000CY50WK9	GOLD 1210TL OPENC	EUR											
Certificate	DE000CY50WL7	GOLD 1220TL OPENC	EUR											
Certificate	DE000VL2FME1	GOLD 1222TL OPENV	EUR											
Certificate	DE000CY50NN2	GOLD 1225TL OPENC	EUR											
Certificate	DE000CX01D39	GOLD 1225TL OPENC	EUR											
Certificate	DE000VL37D38	GOLD 1227TL OPENV	EUR											
Certificate	DE000VA9CYA9	GOLD 1229TS OPENV	EUR											
Certificate	DE000VA9CX68	GOLD 1236TS OPENV	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000VA9CYC5	GOLD 1239TS OPENV	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000CY518G7	GOLD 1240TL OPENC	EUR											
Certificate	DE000CP063R2	GOLD 1240TS OPENC	EUR	5,3500	5,3500	4,8000	149,8000	1	4,8000	28				
Certificate	DE000CV8ALC6	GOLD 1242TS OPENZ	EUR											
Certificate	DE000CV8AG74	GOLD 1242TS OPENZ	EUR											
Certificate	NL0012987572	GOLD 1248BS OPENB	EUR	3,2200	3,2300	2,5800	16974,5000	3	2,5800	5300				
Certificate	NL0012982243	GOLD 1248TS OPENB	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CJ3QJ18	GOLD 1248TS OPENZ	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP06129	GOLD 1250TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000VA4YYX6	GOLD 1253TS OPENV	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000VA4YYZ1	GOLD 1256TS OPENV	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	DE000CJ3PK08	GOLD 1256TS OPENZ	EUR	0,4500	0,4500	0,3750	517,0000	3	0,3750	1220				
Certificate	DE000CJ3PP52	GOLD 1258TS OPENZ	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	DE000CY52K52	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ581X0	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5A735	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52NN8	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5AJV3	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ58WE0	GOLD 1260TS OPENC	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000CQ58UQ8	GOLD 1260TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012981096	GOLD 1268BS OPENB	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012980254	GOLD 1268TS OPENB	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	DE000CV8A815	GOLD 1268TS OPENZ	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CP06YY6	GOLD 1270TS OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000VA4YYY4	GOLD 1273TS OPENV	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	LU1790505447	GOLD 1275TPIOPENS	EUR	5,3400	5,3400	5,2300			5,2300					
Certificate	DE000CY0AVR7	GOLD 1275TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3TKM0	GOLD 1276TS OPENV	EUR											
Certificate	DE000VA3TKP3	GOLD 1277TS OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	DE000CV89XK1	GOLD 1278TS OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CX01XL0	GOLD 1280TL OPENC	EUR											
Certificate	DE000CV52NP3	GOLD 1280TL OPENC	EUR											
Certificate	DE000CP06350	GOLD 1280TS OPENC	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000CQ58NX9	GOLD 1280TS OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	NL0012975858	GOLD 1288BS OPENB	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CV8A8D5	GOLD 1288TS OPENZ	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CV52WQ2	GOLD 1290TL OPENC	EUR											
Certificate	DE000CQ58MA9	GOLD 1290TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VA3TKN8	GOLD 1296TS OPENV	EUR	5,7050	5,7050	5,7050			5,7050					
Certificate	DE000CV89KJ0	GOLD 1296TS OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA3TKQ1	GOLD 1297TS OPENV	EUR	8,0950	8,0950	8,0950			8,0950					
Certificate	DE000CV89JS3	GOLD 1297TS OPENZ	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000CX595Y9	GOLD 1300TL OPENC	EUR											
Certificate	DE000CV8A8Q7	GOLD 1300TS 1218Z	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CQ58MB7	GOLD 1300TS OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CP063T8	GOLD 1300TS OPENC	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	DE000CQ58PC8	GOLD 1300TS OPENC	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000CQ58MC5	GOLD 1310TS OPENC	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VA3KSD1	GOLD 1316TS OPENV	EUR	7,4450	7,4450	7,4450			7,4450					
Certificate	DE000VA3KSE9	GOLD 1317TS OPENV	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	DE000CV89HX7	GOLD 1317TS OPENZ	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CQ58PD6	GOLD 1320TS OPENC	EUR	11,8900	11,8900	11,8900			11,8900					
Certificate	DE000CQ58B24	GOLD 1320TS OPENC	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000CV51GG8	GOLD 1320TS OPENC	EUR											
Certificate	DE000CQ58JT5	GOLD 1320TS OPENC	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012790737	GOLD 1328BS OPENB	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	LU1757003238	GOLD 1329TPIOPENS	EUR	9,9300	9,9300	9,8100			9,8100					
Certificate	NL0012786537	GOLD 1329TS OPENB	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	DE000CQ58F12	GOLD 1330TS OPENC	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000CV88UM5	GOLD 1336TS OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000VA2T9C4	GOLD 1337TS OPENV	EUR	11,5650	11,5650	11,5650			11,5650					
Certificate	DE000CV88UT0	GOLD 1337TS OPENZ	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VA15NP0	GOLD 1339TS OPENV	EUR	9,1850	9,1850	9,1850			9,1850					
Certificate	DE000CQ5AW79	GOLD 1340TS OPENC	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000CQ5AV29	GOLD 1340TS OPENC	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012784532	GOLD 1349TS OPENB	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CV8A435	GOLD 1350TS 1218Z	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CQ5AW04	GOLD 1350TS OPENC	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000VA2T9D2	GOLD 1357TS OPENV	EUR	13,3450	13,3450	13,3450			13,3450					
Certificate	DE000CV886P2	GOLD 1357TS OPENZ	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	DE000CQ5AW12	GOLD 1360TS OPENC	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000VA1SSU2	GOLD 1360TS OPENV	EUR	10,9250	10,9250	10,9250			10,9250					
Certificate	DE000VA6EGD2	GOLD 1364TS OPENV	EUR	14,6350	14,6350	14,6350			14,6350					
Certificate	NL0011899745	GOLD 1367BS OPENB	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	LU1756002058	GOLD 1375TPIOPENS	EUR	14,6900	14,6900	14,5700			14,5700					
Certificate	DE000VASM76	GOLD 1376TS OPENV	EUR	15,5650	15,5650	15,5650			15,5650					
Certificate	DE000CV88C53	GOLD 1377TS OPENZ	EUR	13,9000	13,9000	13,9000			13,9000					
Certificate	DE000CV42RD7	GOLD 1377TS OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000CX59WM8	GOLD 1380TS OPENC	EUR	12,7000	12,7000	12,7000			12,7000					
Certificate	DE000CX00UD5	GOLD 1380TS OPENC	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	DE000CQ5AMC7	GOLD 1380TS OPENC	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	DE000CV518J1	GOLD 1380TS OPENC	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	DE000CV50ZY3	GOLD 1380TS OPENC	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	DE000CV51NS9	GOLD 1380TS OPENC	EUR	16,7500	16,7500	16,7500			16,7500					
Certificate	DE000CV52NQ1	GOLD 1380TS OPENC	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	DE000CV52CT8	GOLD 1380TS OPENC	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	DE000CV51WZ5	GOLD 1380TS OPENC	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CQ5AAE8	GOLD 1380TS OPENC	EUR	16,8200	16,8200	16,8200			16,8200					
Certificate	NL0011603147	GOLD 1384TS OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	NL0011705074	GOLD 1385TRSOPENH	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	NL0012696900	GOLD 1387BS OPENB	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	DE000CX00U47	GOLD 1390TS OPENC	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	DE000CV518B8	GOLD 1390TS OPENC	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	NL0010377610	GOLD 1392TS OPENB	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	DE000VA7PSP5	GOLD 1392TS OPENV	EUR	17,2450	17,2450	17,2450			17,2450					
Certificate	NL0010377040	GOLD 1397BS OPENB	EUR	15,6850	15,6850	15,6850			15,6850					
Certificate	DE000CN6JEK9	GOLD 1398TS OPENZ	EUR	15,7400	15,7400	15,7400			15,7400					
Certificate	NL0012694616	GOLD 1399TS OPENB	EUR	19,1000	19,1100	18,3200	2292,0000	1	18,3200	120				
Certificate	DE000CV88RP4	GOLD 1400TS 1218Z	EUR	1,5750	1,5750	1,5750			1,5750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN66XA7	GOLD 1402TS OPENV	EUR	12,6550	12,6550	12,6550			12,6550					
Certificate	DE000VA715X6	GOLD 1402TS OPENV	EUR	18,2150	18,2150	18,2150			18,2150					
Certificate	NL0011730817	GOLD 1405TS OPENH	EUR	18,8100	18,8100	18,8100			18,8100					
Certificate	LU1651060839	GOLD 1408TPIOPENS	EUR	16,1600	16,1600	16,0400			16,0400					
Certificate	DE000CX00U54	GOLD 1410TS OPENC	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	DE000CY52WS8	GOLD 1410TS OPENC	EUR	15,8600	15,8600	15,8600			15,8600					
Certificate	DE000VA71WH1	GOLD 1412TS OPENV	EUR	19,1250	19,1250	19,1250			19,1250					
Certificate	DE000CN6LC84	GOLD 1416TS OPENZ	EUR	17,3600	17,3600	17,3600			17,3600					
Certificate	DE000CN6KFD9	GOLD 1417TS OPENZ	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	DE000CY52962	GOLD 1420TS OPENC	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	DE000CQ58FZ0	GOLD 1420TS OPENC	EUR	20,8100	20,8100	20,8100			20,8100					
Certificate	DE000CY51N17	GOLD 1420TS OPENC	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	DE000CY517Y2	GOLD 1420TS OPENC	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000CQ5AMD5	GOLD 1420TS OPENC	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	DE000CQ5A2N0	GOLD 1420TS OPENC	EUR	16,7300	16,7300	16,7300			16,7300					
Certificate	DE000CQ5AAF5	GOLD 1420TS OPENC	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	DE000CY52NR9	GOLD 1420TS OPENC	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	DE000CX00UE3	GOLD 1420TS OPENC	EUR	18,0500	18,0500	18,0500			18,0500					
Certificate	DE000VA87E05	GOLD 1421TS OPENV	EUR	20,0450	20,0450	20,0450			20,0450					
Certificate	DE000VN66XB5	GOLD 1422TS OPENV	EUR	14,3750	14,3750	14,3750			14,3750					
Certificate	DE000CX01D70	GOLD 1425TS OPENC	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	NL0011048350	GOLD 1427TS OPENH	EUR	20,8500	20,8500	20,8500			20,8500					
Certificate	DE000CN6LC92	GOLD 1436TS OPENZ	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	DE000CY518K9	GOLD 1440TS OPENC	EUR	22,1100	22,1100	22,1100			22,1100					
Certificate	DE000CY50WP8	GOLD 1440TS OPENC	EUR	18,3500	18,3500	18,3500			18,3500					
Certificate	DE000CY50ZZ0	GOLD 1440TS OPENC	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	DE000VL2FMC5	GOLD 1441TS OPENV	EUR	16,0950	16,0950	16,0950			16,0950					
Certificate	NL0011705066	GOLD 1443TRSOPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0011730809	GOLD 1444TS OPENH	EUR	22,3400	22,3400	22,3400			22,3400					
Certificate	NL0010377644	GOLD 1447TS OPENB	EUR	22,6300	22,6300	22,6300			22,6300					
Certificate	DE000CV88RQ2	GOLD 1450TS 1218Z	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CY16Q28	GOLD 1450TS OPENC	EUR	19,0400	19,0400	19,0400			19,0400					
Certificate	DE000CY16QB1	GOLD 1450TS OPENC	EUR	22,7900	22,7900	22,7900			22,7900					
Certificate	LU1651918119	GOLD 1453TPIOPENS	EUR	20,2900	20,2900	20,1600			20,1600					
Certificate	DE000CD61CH8	GOLD 1455TS OPENZ	EUR	20,8100	20,8100	20,8100			20,8100					
Certificate	DE000CN6KFE7	GOLD 1456TS OPENZ	EUR	23,7200	23,7200	23,7200			23,7200					
Certificate	DE000CY518D6	GOLD 1460TS OPENC	EUR	20,1400	20,1400	20,1400			20,1400					
Certificate	DE000VL2FMD3	GOLD 1461TS OPENV	EUR	17,8150	17,8150	17,8150			17,8150					
Certificate	NL0011417449	GOLD 1467TRSOPENH	EUR	22,1100	22,1100	22,1100			22,1100					
Certificate	NL0010377131	GOLD 1474TS OPENB	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	DE000CD61XA9	GOLD 1474TS OPENZ	EUR	22,4200	22,4200	22,4200			22,4200					
Certificate	DE000CX01XN6	GOLD 1475TS OPENC	EUR	20,7000	20,7000	20,7000			20,7000					
Certificate	DE000CY518L7	GOLD 1480TS OPENC	EUR	25,7100	25,7100	25,7100			25,7100					
Certificate	DE000CY52970	GOLD 1480TS OPENC	EUR	25,8100	25,8100	25,8100			25,8100					
Certificate	NL0011730791	GOLD 1483TS OPENH	EUR	25,8500	25,8500	25,8500			25,8500					
Certificate	DE000CD61XB7	GOLD 1494TS OPENZ	EUR	24,1800	24,1800	24,1800			24,1800					
Certificate	DE000CE6CFH8	GOLD 1496TS OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CV88RR0	GOLD 1500TS 1218Z	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	LU1651918382	GOLD 1503TPIOPENS	EUR	24,6800	24,6800	24,5500			24,5500					
Certificate	NL0011048343	GOLD 1504TS OPENH	EUR	27,7500	27,7500	27,7500			27,7500					
Certificate	DE000CD62197	GOLD 1514TS OPENZ	EUR	25,9500	25,9500	25,9500			25,9500					
Certificate	DE000CQ581Y8	GOLD 1520TS OPENC	EUR	25,8600	25,8600	25,8600			25,8600					
Certificate	DE000CQ5AAG3	GOLD 1520TS OPENC	EUR	29,4400	29,4400	29,4400			29,4400					
Certificate	DE000CY51729	GOLD 1520TS OPENC	EUR	29,3100	29,3100	29,3100			29,3100					
Certificate	DE000CY518C6	GOLD 1520TS OPENC	EUR	25,3700	25,3700	25,3700			25,3700					
Certificate	DE000CQ5AW87	GOLD 1520TS OPENC	EUR	29,7100	29,7100	29,7100			29,7100					
Certificate	DE000CT9MZY7	GOLD 1526TS OPENC	EUR	22,6300	22,6300	22,6300			22,6300					
Certificate	DE000CE6EQR0	GOLD 1533TS OPENZ	EUR	27,6100	27,6100	27,6100			27,6100					
Certificate	DE000CE6EQW0	GOLD 1535TS OPENZ	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	DE000CV88RS8	GOLD 1550TS 1218Z	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CY52WT6	GOLD 1560TS OPENC	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	DE000CY518M5	GOLD 1560TS OPENC	EUR	32,9200	32,9200	32,9200			32,9200					
Certificate	NL0011417654	GOLD 1573TS OPENH	EUR	33,9100	33,9100	33,9100			33,9100					
Certificate	DE000CE6EQX8	GOLD 1575TS OPENZ	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	NL0011417423	GOLD 1579TRSOPENH	EUR	32,0700	32,0700	32,0700			32,0700					
Certificate	DE000CN6JEL7	GOLD 1597TS OPENZ	EUR	33,2900	33,2900	33,2900			33,2900					
Certificate	DE000CV50889	GOLD 1615TS OPENZ	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0011417647	GOLD 1631TS OPENH	EUR	39,1400	39,1400	39,1400			39,1400					
Certificate	DE000CV87HK8	GOLD 1637TS OPENZ	EUR	36,8000	36,8000	36,8000			36,8000					
Certificate	DE000CV50897	GOLD 1655TS OPENZ	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	NL0011048335	GOLD 1657TS OPENH	EUR	41,5400	41,5400	41,5400			41,5400					
Certificate	DE000CV87HL6	GOLD 1677TS OPENZ	EUR	40,3300	40,3300	40,3300			40,3300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0009900315	GOLD 1683TS OPENB	EUR	43,7800	43,7800	43,7800			43,7800					
Certificate	NL0011603139	GOLD 1754TS OPENH	EUR	50,2200	50,2200	50,2200			50,2200					
Certificate	DE000CV87HM4	GOLD 1757TS OPENZ	EUR	47,3700	47,3700	47,3700			47,3700					
Certificate	NL0011705058	GOLD 1767TRSOPENH	EUR	48,5600	48,5600	48,5600			48,5600					
Certificate	NL0011048327	GOLD 1811TS OPENH	EUR	55,3100	55,3100	55,3100			55,3100					
Certificate	NL0011730783	GOLD 1874TS OPENH	EUR	61,0400	61,0400	61,0400			61,0400					
Certificate	NL0011048715	GOLD 579.2TL OPENH	EUR	57,4000	57,4000	57,4000			57,4000					
Certificate	NL0011048699	GOLD 756.9TL OPENH	EUR	42,0100	42,0100	42,0100			42,0100					
Certificate	NL0011601265	GOLD 827.7TL OPENH	EUR	35,8600	35,8600	35,8600			35,8600					
Certificate	DE000CV89YQ6	GOLD 835.8TL OPENZ	EUR	34,0400	34,0400	34,0400			34,0400					
Certificate	NL0011600994	GOLD 874.5TRLOPENH	EUR	30,8900	30,8900	30,8900			30,8900					
Certificate	DE000CB1NF30	GOLD 917.3TL OPENZ	EUR	26,8500	26,8500	26,8500			26,8500					
Certificate	NL0011048673	GOLD 934.5TL OPENH	EUR	26,6100	26,6100	26,6100			26,6100					
Certificate	DE000CN6HP69	GOLD 937.1TL OPENZ	EUR	25,1100	25,1100	25,1100			25,1100					
Certificate	NL0011264742	GOLD 938.6BL OPENB	EUR	25,0550	25,0550	25,0550			25,0550					
Certificate	NL0011423561	GOLD 951.6TL OPENH	EUR	25,1300	25,1300	25,1300			25,1300					
Certificate	DE000CN6HP51	GOLD 957.2TL OPENZ	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	NL0011423553	GOLD 962.5TL OPENH	EUR	24,1700	24,1700	24,1700			24,1700					
Certificate	DE000CN6HP44	GOLD 977.4TL OPENZ	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	NL0011048665	GOLD 978.8TL OPENH	EUR	22,7700	22,7700	22,7700			22,7700					
Certificate	NL0011423546	GOLD 995.3TL OPENH	EUR	21,3400	21,3400	21,3400			21,3400					
Certificate	DE000CN6HP36	GOLD 997.5TL OPENZ	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	DE000CJ3N1P9	GOLDC 7.1TL OPENZ	EUR	2,3150	2,3750	2,3150			2,3750					
Certificate	DE000CJ3PSD4	GOLDC 6.07TL OPENZ	EUR	3,1750	3,2350	3,1750			3,2350					
Certificate	DE000CV8AYY3	GOLDC 8.07TL OPENZ	EUR	1,4850	1,5550	1,4850			1,5550					
Certificate	DE000CJ3QJG4	GOLDC 9.07TL OPENZ	EUR	0,6350	0,7050	0,6350			0,7050					
Certificate	NL0012851133	GOLDF 1000TRLOPENH	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	NL0012847891	GOLDF 1001TRLOPENH	EUR	19,7800	19,7800	19,7800			19,7800					
Certificate	NL0012906507	GOLDF 1026TRLOPENH	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	NL0012910335	GOLDF 1042TRLOPENH	EUR	16,1100	16,1100	16,1100			16,1100					
Certificate	NL0013079924	GOLDF 1078TRLOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	NL0012209902	GOLDF 1079TL OPENH	EUR	14,0800	14,0800	14,0800			14,0800					
Certificate	NL0013183429	GOLDF 1096TRLOPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	NL0011995592	GOLDF 1101TL OPENH	EUR	11,5700	12,1500	11,5700	1619,8000	1	12,1500	140				
Certificate	NL0012052393	GOLDF 1114TRLOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013079916	GOLDF 1138TRLOPENH	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	NL0013079908	GOLDF 1141TRLOPENH	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012916068	GOLDF 1145TRLOPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0012895833	GOLDF 1149TRLOPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012938625	GOLDF 1153TRLOPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012938609	GOLDF 1158TRLOPENH	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0011735824	GOLDF 1161TRLOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0013079890	GOLDF 1166TRLOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012889174	GOLDF 1171TL OPENH	EUR	5,4700	6,4800	5,4700	2629,0000	2	6,0800	440				
Certificate	NL0012938591	GOLDF 1171TRLOPENH	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012938575	GOLDF 1176TRLOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012889646	GOLDF 1180TRLOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0012889620	GOLDF 1185TRLOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0012891477	GOLDF 1189TRLOPENH	EUR	2,5300	3,2000	2,5300	2756,8600	5	3,2000	1049				
Certificate	NL0013083223	GOLDF 1194TL OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0013082464	GOLDF 1198TRLOPENH	EUR	2,5100	2,6300	2,3800	6952,5000	3	2,3800	2750				
Certificate	NL0013183411	GOLDF 1210TRSOPENH	EUR											
Certificate	NL0013183403	GOLDF 1220TRSOPENH	EUR											
Certificate	NL0013183890	GOLDF 1222TS OPENH	EUR											
Certificate	NL0013134133	GOLDF 1230TRSOPENH	EUR											
Certificate	NL0013133689	GOLDF 1235TRSOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0013133671	GOLDF 1240TRSOPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012930564	GOLDF 1245TRSOPENH	EUR	3,3300	3,3300	2,5500	4815,4000	4	2,5600	1803				
Certificate	NL0013185713	GOLDF 1250TRSOPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012930952	GOLDF 1252TS OPENH	EUR	5,7700	5,7700	5,0400	288,5000	1	5,0400	50				
Certificate	NL0013134125	GOLDF 1255TRSOPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0013180789	GOLDF 1255TRSOPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012930044	GOLDF 1255TRSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012930945	GOLDF 1262TS OPENH	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	NL0013133663	GOLDF 1265TRSOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0012930002	GOLDF 1265TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012520282	GOLDF 1270TRSOPENH	EUR											
Certificate	NL0012925945	GOLDF 1272TS OPENH	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0012924922	GOLDF 1274TRSOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012548630	GOLDF 1280TS OPENH	EUR											
Certificate	NL0012922868	GOLDF 1282TRSOPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012923809	GOLDF 1282TS OPENH	EUR	7,7400	7,7400	7,7400			7,7400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012919435	GOLDF 1287TRSOPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0011995030	GOLDF 1289TRSOPENH	EUR											
Certificate	NL0012922553	GOLDF 1292TS OPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0013086986	GOLDF 1293TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0011995576	GOLDF 1294TS OPENH	EUR											
Certificate	NL0012919401	GOLDF 1295TRSOPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012918775	GOLDF 1302TS OPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012551279	GOLDF 1304TRLOPENH	EUR											
Certificate	NL0012916472	GOLDF 1305TRSOPENH	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0012556492	GOLDF 1309TL OPENH	EUR											
Certificate	NL0012863559	GOLDF 1317TRSOPENH	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0012861926	GOLDF 1317TS OPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	NL0012863542	GOLDF 1320TRSOPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	NL0012863500	GOLDF 1330TRSOPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	NL0012614333	GOLDF 1334TS OPENH	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0012847826	GOLDF 1342TRSOPENH	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0012614325	GOLDF 1344TS OPENH	EUR	13,4000	13,4000	13,4000			13,4000					
Certificate	NL0012613046	GOLDF 1345TRSOPENH	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0012848428	GOLDF 1352TRSOPENH	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	NL0012614317	GOLDF 1354TS OPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	NL0012864284	GOLDF 1357TRSOPENH	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	NL0012520274	GOLDF 1360TRSOPENH	EUR											
Certificate	NL0012848410	GOLDF 1362TRSOPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0012551451	GOLDF 1367TS OPENH	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	NL0012847776	GOLDF 1372TRSOPENH	EUR	13,7800	13,7800	13,7800			13,7800					
Certificate	NL0012614309	GOLDF 1374TS OPENH	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0012848394	GOLDF 1375TRSOPENH	EUR	13,9900	13,9900	13,9900			13,9900					
Certificate	NL0011998273	GOLDF 1382TS OPENH	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	NL0012048706	GOLDF 1384TS OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	NL0012199921	GOLDF 1387TS OPENH	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	NL0013183395	GOLDF 1400TRSOPENH	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	NL0012906499	GOLDF 1408TRSOPENH	EUR	16,9200	16,9200	16,9200			16,9200					
Certificate	NL0012548598	GOLDF 1417TS OPENH	EUR	19,8700	19,8700	19,8700			19,8700					
Certificate	NL0012906481	GOLDF 1418TRSOPENH	EUR	17,8100	17,8100	17,8100			17,8100					
Certificate	NL0013084015	GOLDF 1429TRSOPENH	EUR	18,8200	18,8200	18,8200			18,8200					
Certificate	NL0012096507	GOLDF 1448TRSOPENH	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	NL0012195416	GOLDF 1449TRSOPENH	EUR	20,5800	20,5800	20,5800			20,5800					
Certificate	NL0013185242	GOLDF 1462TS OPENH	EUR	23,9200	23,9200	23,9200			23,9200					
Certificate	NL0012095566	GOLDF 1464TS OPENH	EUR	24,1500	24,1500	24,1500			24,1500					
Certificate	NL0012368104	GOLDF 1464TS OPENH	EUR	24,1600	24,1600	24,1600			24,1600					
Certificate	NL0012847768	GOLDF 1469TRSOPENH	EUR	22,3400	22,3400	22,3400			22,3400					
Certificate	NL0012548580	GOLDF 1476TS OPENH	EUR	25,2700	25,2700	25,2700			25,2700					
Certificate	NL0012329296	GOLDF 1477TS OPENH	EUR	25,3000	25,3000	25,3000			25,3000					
Certificate	NL0012906473	GOLDF 1488TRSOPENH	EUR	23,9800	23,9800	23,9800			23,9800					
Certificate	NL0012549208	GOLDF 1496TS OPENH	EUR	27,0600	27,0600	27,0600			27,0600					
Certificate	NL0012313522	GOLDF 1497TS OPENH	EUR	27,0700	27,0700	27,0700			27,0700					
Certificate	NL0012906465	GOLDF 1498TRSOPENH	EUR	24,8500	24,8500	24,8500			24,8500					
Certificate	NL0013181357	GOLDF 1510TRSOPENH	EUR	25,9600	25,9600	25,9600			25,9600					
Certificate	NL0011892609	GOLDF 1514TRSOPENH	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	NL0012432157	GOLDF 1522TS OPENH	EUR	29,3200	29,3200	29,3200			29,3200					
Certificate	NL0012211528	GOLDF 1528TS OPENH	EUR	29,9000	29,9000	29,9000			29,9000					
Certificate	NL0013084007	GOLDF 1529TRSOPENH	EUR	27,6300	27,6300	27,6300			27,6300					
Certificate	NL0012311179	GOLDF 1536TS OPENH	EUR	30,6300	30,6300	30,6300			30,6300					
Certificate	NL0012906457	GOLDF 1538TRSOPENH	EUR	28,3800	28,3800	28,3800			28,3800					
Certificate	NL0012847750	GOLDF 1539TRSOPENH	EUR	28,5100	28,5100	28,5100			28,5100					
Certificate	NL0011891601	GOLDF 1547TS OPENH	EUR	31,6400	31,6400	31,6400			31,6400					
Certificate	NL0012519086	GOLDF 1566TS OPENH	EUR	33,3400	33,3400	33,3400			33,3400					
Certificate	NL0011894324	GOLDF 1567TS OPENH	EUR	33,4300	33,4300	33,4300			33,4300					
Certificate	NL0012437974	GOLDF 1586TS OPENH	EUR	35,0900	35,0900	35,0900			35,0900					
Certificate	NL0012437966	GOLDF 1596TS OPENH	EUR	35,9800	35,9800	35,9800			35,9800					
Certificate	NL0012565857	GOLDF 1606TS OPENH	EUR	36,9400	36,9400	36,9400			36,9400					
Certificate	NL0011896113	GOLDF 1609TS OPENH	EUR	37,1600	37,1600	37,1600			37,1600					
Certificate	NL0012847701	GOLDF 1639TRSOPENH	EUR	37,3200	37,3200	37,3200			37,3200					
Certificate	NL0012848378	GOLDF 1669TRSOPENH	EUR	39,9500	39,9500	39,9500			39,9500					
Certificate	NL0012847677	GOLDF 1699TRSOPENH	EUR	42,6000	42,6000	42,6000			42,6000					
Certificate	NL0012311161	GOLDF 1705TS OPENH	EUR	45,8200	45,8200	45,8200			45,8200					
Certificate	NL0012048698	GOLDF 1719TS OPENH	EUR	47,1100	47,1100	47,1100			47,1100					
Certificate	NL0011996210	GOLDF 1745TRSOPENH	EUR	46,6000	46,6000	46,6000			46,6000					
Certificate	NL0012330823	GOLDF 1817TRSOPENH	EUR	53,0400	53,0400	53,0400			53,0400					
Certificate	NL0011891668	GOLDF 1898TRSOPENH	EUR	60,1000	60,1000	60,1000			60,1000					
Certificate	NL0012848360	GOLDF 1948TRSOPENH	EUR	64,5300	64,5300	64,5300			64,5300					
Certificate	NL0012313514	GOLDF 1964TS OPENH	EUR	69,0700	69,0700	69,0700			69,0700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012516694	GOLDF 1972TRSOPENH	EUR	66,6700	66,6700	66,6700			66,6700					
Certificate	NL0012432140	GOLDF 2029TS OPENH	EUR	74,9700	74,9700	74,9700			74,9700					
Certificate	NL0012437792	GOLDF 2090TS OPENH	EUR	80,4400	80,4400	80,4400			80,4400					
Certificate	NL0012439780	GOLDF 2153TS OPENH	EUR	86,1700	86,1700	86,1700			86,1700					
Certificate	NL0012906515	GOLDF 976.TRLOPENH	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0012906630	GOLDF628.7TRLOPENH	EUR	52,5600	52,5600	52,5600			52,5600					
Certificate	NL0012906622	GOLDF653.7TRLOPENH	EUR	50,3500	50,3500	50,3500			50,3500					
Certificate	NL0012906614	GOLDF678.8TRLOPENH	EUR	48,1400	48,1400	48,1400			48,1400					
Certificate	NL0012906606	GOLDF704.2TRLOPENH	EUR	45,9000	45,9000	45,9000			45,9000					
Certificate	NL0012847909	GOLDF749.4TRLOPENH	EUR	41,9100	41,9100	41,9100			41,9100					
Certificate	NL0012906598	GOLDF779.8TRLOPENH	EUR	39,2400	39,2400	39,2400			39,2400					
Certificate	NL0012906580	GOLDF804.9TRLOPENH	EUR	37,0300	37,0300	37,0300			37,0300					
Certificate	NL0012057822	GOLDF805.4TL OPENH	EUR	37,7900	37,7900	37,7900			37,7900					
Certificate	NL0012906572	GOLDF829.9TRLOPENH	EUR	34,8200	34,8200	34,8200			34,8200					
Certificate	NL0012906564	GOLDF855.3TRLOPENH	EUR	32,5800	32,5800	32,5800			32,5800					
Certificate	NL0013185085	GOLDF881.6TL OPENH	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	NL0012896062	GOLDF887.3TL OPENH	EUR	30,7000	30,7000	30,7000			30,7000					
Certificate	NL0012906556	GOLDF895.4TRLOPENH	EUR	29,0500	29,0500	29,0500			29,0500					
Certificate	NL0012906549	GOLDF915.5TRLOPENH	EUR	27,2800	27,2800	27,2800			27,2800					
Certificate	NL0012906531	GOLDF925.6TRLOPENH	EUR	26,3900	26,3900	26,3900			26,3900					
Certificate	NL0012902654	GOLDF928.4TRLOPENH	EUR	26,1400	26,1400	26,1400			26,1400					
Certificate	NL0012906523	GOLDF945.9TRLOPENH	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	NL0011990619	GOLDF959.3TRLOPENH	EUR	23,4200	23,4200	23,4200			23,4200					
Certificate	NL0013185721	GOLDF990.4TRLOPENH	EUR	20,6700	20,6700	20,6700			20,6700					
Certificate	DE000CJ3N6J1	GOPRO 4.9TL 1218Z	EUR	0,4350	0,4750	0,4350			0,4750					
Certificate	DE000CJ3PSK9	GOPRO 4.38TL 0319Z	EUR	0,8750	0,9150	0,8750			0,9150					
Certificate	DE000CJ3N6H5	GOPRO 4.55TL 1218Z	EUR	0,7350	0,7750	0,7350			0,7750					
Certificate	DE000CJ3P8M9	GOPRO 4.73TL 0319Z	EUR	0,5750	0,6250	0,5750			0,6250					
Certificate	DE000CJ3PSL7	GOPRO 5.08TL 0319Z	EUR	0,2850	0,3250	0,2850			0,3250					
Certificate	DE000CV89U68	GOPRO4.112TL OPENZ	EUR	1,0950	1,1450	1,0950			1,1450					
Certificate	DE000CV8AHP6	GOPRO4.625TL OPENZ	EUR	0,6550	0,6950	0,6550			0,6950					
Certificate	DE000CV89U76	GOPRO5.134TL OPENZ	EUR											
Certificate	NL0000455905	GOD CT OPENN	EUR	1073,5000	1073,5000	1073,5000			1073,5000					
Certificate	DE000CJ3PAL5	GRMN 45.64TL OPENZ	EUR	1,9250	1,9450	1,9250			1,9450					
Certificate	DE000CV8ASY5	GRMN 52.55TL OPENZ	EUR	1,3350	1,3650	1,3350			1,3650					
Certificate	DE000CJ3PWJ3	GRMN 60.55TL OPENZ	EUR	0,6350	0,6650	0,6350			0,6650					
Certificate	DE000CV89RM9	GRNVN11.48TL OPENZ	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000CV4ZUQ3	GRNVN13.53TL OPENZ	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CV4ZQ87	GRNVN14.54TL OPENZ	EUR	6,0450	6,0450	6,0450			6,0450					
Certificate	NL0012682777	GRNVN15.07TL OPENB	EUR	6,4550	6,4550	6,4550			6,4550					
Certificate	DE000CD63R85	GRNVN15.55TL OPENZ	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	NL0010933560	GRNVN16.09TL OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000CD63G35	GRNVN16.54TL OPENZ	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	NL0012998884	GRNVN17.07BL OPENB	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0012034094	GRNVN17.18TL OPENB	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	DE000CD63DQ3	GRNVN17.55TL OPENZ	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0012977557	GRNVN18.07BL OPENB	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0012785844	GRNVN18.18TL OPENB	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	DE000CV89VH1	GRNVN18.53TL OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012977565	GRNVN19.08BL OPENB	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	NL0012983340	GRNVN19.19TL OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000CJ3NPV7	GRNVN19.53TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013154917	GRNVN21.53TS OPENB	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	NL0013153596	GRNVN21.73BS OPENB	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	NL0012786313	GRNVN23.03TS OPENB	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	DE000CE6E4W8	GRNVN23.58TS OPENZ	EUR	3,1050	3,1050	3,1050			3,1050					
Certificate	NL0012982839	GRNVN23.73BS OPENB	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0012988216	GRNVN24.54TS OPENB	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	NL0013146632	GRNVN25.73BS OPENB	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CNGFG88	GRNVN26.06TS OPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CJ3PU14	GRNVN28.56TS OPENZ	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0010135000	GS 113TL OPENB	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	XS1219743553	GSCI STN0419B	EUR	60,6000	60,6000	59,0500			59,0500					
Certificate	DE000CJ3P980	GVCHD5.499TL OPENZ	EUR	2,6300	2,6300	2,6150			2,6150					
Certificate	DE000CJ3NLH5	GVCHD7.006TL OPENZ	EUR	0,9500	0,9500	0,9450			0,9450					
Certificate	DE000CV8AX34	GWPH 108.9TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CJ3PSE2	GWPH 93.88TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012938302	HEIDL 72TS OPENH	EUR	1,7300	1,7700	1,7300			1,7700					
Certificate	NL0011990346	HEIDL 103.TS OPENH	EUR	5,0500	5,1000	5,0500			5,1000					
Certificate	NL0011989876	HEIDL104.9TS OPENH	EUR	5,2500	5,3000	5,2500			5,3000					
Certificate	NL0012541650	HEIDL115.4TS OPENH	EUR	6,3800	6,4300	6,3800			6,4300					
Certificate	NL0011225545	HEIDL35.79TL OPENH	EUR	2,6600	2,6600	2,6300			2,6300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N476	HEIDL40.83TL OPENZ	EUR	1,9400	1,9400	1,9100			1,9100					
Certificate	DE000CNGERD7	HEIDL49.89TL OPENZ	EUR	1,0400	1,0400	1,0000			1,0000					
Certificate	NL0011225529	HEIDL52.76TL OPENH	EUR	1,0700	1,0700	1,0400			1,0400					
Certificate	NL0013128432	HEIDL58.09TL OPENH	EUR	0,5700	0,5700	0,5500			0,5500					
Certificate	NL0012905137	HEIDL70.12TS OPENH	EUR	1,5300	1,5700	1,5300			1,5700					
Certificate	NL0012920896	HEIDL73.63TS OPENH	EUR	1,9000	1,9500	1,9000			1,9500					
Certificate	NL0012919757	HEIDL75.59TS OPENH	EUR	2,1100	2,1600	2,1100			2,1600					
Certificate	NL0012917165	HEIDL77.56TS OPENH	EUR	2,3200	2,3700	2,3200			2,3700					
Certificate	NL0012911945	HEIDL79.49TS OPENH	EUR	2,5300	2,5800	2,5300			2,5800					
Certificate	NL0012861280	HEIDL81.17TS OPENH	EUR	2,7100	2,7600	2,7100			2,7600					
Certificate	NL0011992573	HEIDL83.68TL OPENH	EUR											
Certificate	NL0012580914	HEIDL84.41TS OPENH	EUR	3,0600	3,1000	3,0600			3,1000					
Certificate	NL0012582225	HEIDL86.39TS OPENH	EUR	3,2700	3,3200	3,2700			3,3200					
Certificate	NL0012565246	HEIDL88.27TS OPENH	EUR	3,4700	3,5200	3,4700			3,5200					
Certificate	NL0012561674	HEIDL90.14TS OPENH	EUR	3,6700	3,7200	3,6700			3,7200					
Certificate	NL0012312896	HEIDL93.88TS OPENH	EUR	4,0800	4,1200	4,0800			4,1200					
Certificate	NL0012246367	HEIDL98.61TS OPENH	EUR	4,5800	4,6300	4,5800			4,6300					
Certificate	NL0011993852	HEIDL99.37TS OPENH	EUR	4,6700	4,7100	4,6700			4,7100					
Certificate	NL0012245559	HEIDL99.39TS OPENH	EUR	4,6700	4,7100	4,6700			4,7100					
Certificate	NL0012102735	HEIJM 6.1TL OPENB	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0012033849	HEIJM 3.51TL OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0010124293	HEIJM 4.03TL OPENB	EUR	5,4850	5,4850	5,4850			5,4850					
Certificate	NL0012034102	HEIJM 4.55TL OPENB	EUR	5,0550	5,0550	5,0550			5,0550					
Certificate	NL0012035893	HEIJM 5.06TL OPENB	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0012102404	HEIJM 5.59TL OPENB	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0012257836	HEIJM 6.62TL OPENB	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0012488993	HEIJM 7.12TL OPENB	EUR	2,7200	2,8150	2,7200	1128,8000	1	2,8150	415				
Certificate	NL0012504518	HEIJM 7.38TL OPENB	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0012489223	HEIJM 7.63TL OPENB	EUR	2,3800	2,3800	2,3750	2380,0000	1	2,3750	1000				
Certificate	NL0012489470	HEIJM 8.15TL OPENB	EUR	1,8700	1,9250	1,8550	1122,0000	1	1,9250	600				
Certificate	NL0013156599	HEIJM 8.96TS OPENB	EUR											
Certificate	NL0013151996	HEIJM 9.46TS OPENB	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	NL0013150873	HEIJM 9.96TS OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0013012982	HEIJM10.44TS OPENB	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	NL0013011851	HEIJM10.94TS OPENB	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0013005929	HEIJM12.45TS OPENB	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	NL0012791909	HEIJM13.43TS OPENB	EUR	6,8150	6,8150	6,8150			6,8150					
Certificate	NL0013110430	HEINK LEVOPENZ	EUR											
Certificate	DE000CX59UA7	HEINK 50TL OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0011042163	HEINK 53TL OPENH	EUR	32,4500	32,4500	31,7100			31,7100					
Certificate	DE000CC60N21	HEINK 58TL OPENC	EUR	28,4900	28,4900	28,4900			28,4900					
Certificate	DE000CW42PP3	HEINK 60TL OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CC60P04	HEINK 60TL OPENC	EUR	26,5000	26,5000	26,5000			26,5000					
Certificate	DE000CC60C41	HEINK 60TL OPENC	EUR	23,4100	23,4100	23,4100			23,4100					
Certificate	DE000CX000X2	HEINK 60TL OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0010928503	HEINK 62TL OPENB	EUR	22,8000	22,8000	22,8000			22,8000					
Certificate	DE000CC60C58	HEINK 62TL OPENC	EUR	21,3100	21,3100	21,3100			21,3100					
Certificate	DE000CV8B9B6	HEINK 64TL 1218Z	EUR											
Certificate	DE000CC8ATM1	HEINK 64TL OPENC	EUR	19,4200	19,4200	19,4200			19,4200					
Certificate	DE000CP06TY6	HEINK 65TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CX0K1H3	HEINK 65TL OPENC	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CC8AE29	HEINK 65TL OPENC	EUR	18,2700	18,2700	18,2700			18,2700					
Certificate	DE000CX00336	HEINK 65TL OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CV8BA14	HEINK 69TL 1218Z	EUR											
Certificate	DE000CY0AYM2	HEINK 70TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CP06WP8	HEINK 70TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CY0AZC0	HEINK 70TL OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CP06ZU1	HEINK 70TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP06ZV9	HEINK 72TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CP06WQ6	HEINK 72TL OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CV8ABA1	HEINK 74TL 1218Z	EUR											
Certificate	DE000CY50UQ0	HEINK 75TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CY50X34	HEINK 75TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CY16AP5	HEINK 75TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CY16FR0	HEINK 75TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CQ5BZ00	HEINK 76TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CP234R9	HEINK 76TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	LU1876931012	HEINK 78TCIOPENS	EUR	4,0600	4,0600	2,9100			2,9100					
Certificate	DE000CP232A9	HEINK 78TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CP234S7	HEINK 78TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	LU1876931103	HEINK 80TCIOPENS	EUR	2,0700	2,0700	0,9300			0,9300					
Certificate	DE000CX59PQ3	HEINK 80TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1876936169	HEINK 82TPIOPENS	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013004260	HEINK 82TS OPENB	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000CP06WS2	HEINK 82TS OPENC	EUR											
Certificate	DE000CP06792	HEINK 85TS OPENC	EUR	0,3600	0,4300	0,3600	0,3600	1	0,4300		1			
Certificate	DE000CP067V5	HEINK 85TS OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CQ58Z18	HEINK 86TS OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	LU1817099010	HEINK 89TPIOPENS	EUR	7,3500	8,5000	7,3500			8,5000					
Certificate	LU1876936243	HEINK 90TPIOPENS	EUR	8,9300	10,0800	8,9300			10,0800					
Certificate	DE000CP060F3	HEINK 90TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CQ58V12	HEINK 90TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012987275	HEINK 92BOC0619B	EUR	84,3000	84,3000	84,3000			84,3000					
Certificate	LU1876936326	HEINK 96TPIOPENS	EUR	14,9100	16,0600	14,9100			16,0600					
Certificate	NL0012494587	HEINK 98BOC1218B	EUR	80,2000	80,2000	80,2000			80,2000					
Certificate	LU1876936599	HEINK 100TPIOPENS	EUR	18,8900	20,0500	18,8900			20,0500					
Certificate	DE000CQ582L3	HEINK 100TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY50S25	HEINK 100TS OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CP060G1	HEINK 100TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CY52483	HEINK 100TS OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CY16JD2	HEINK 100TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CY16HZ9	HEINK 100TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	LU1876936672	HEINK 104TPIOPENS	EUR	22,8900	24,0400	22,8900			24,0400					
Certificate	NL0012604698	HEINK 105TS OPENH	EUR	31,9300	33,4600	31,9300			33,4600					
Certificate	DE000CQ582M1	HEINK 110TS OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CY50NU7	HEINK 110TS OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CY50X42	HEINK 110TS OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CQ5AWP8	HEINK 110TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0011042197	HEINK 27.4TL OPENH	EUR	56,2400	56,2400	55,4900			55,4900					
Certificate	NL0011042189	HEINK 35.9TL OPENH	EUR	48,3200	48,3200	47,5700			47,5700					
Certificate	NL0010176335	HEINK 37.1TL OPENB	EUR	45,9100	45,9100	45,9100			45,9100					
Certificate	NL0010657144	HEINK 42.4TL OPENB	EUR	40,9400	40,9400	40,9400			40,9400					
Certificate	NL0011042171	HEINK 44.4TL OPENH	EUR	40,3900	40,3900	39,6500			39,6500					
Certificate	NL0010887451	HEINK 47.7TL OPENB	EUR	36,0300	36,0300	36,0300			36,0300					
Certificate	NL0011042155	HEINK 57.2TL OPENH	EUR	28,5000	28,5000	27,7500			27,7500					
Certificate	NL0010921391	HEINK 57.7TL OPENB	EUR	26,7500	26,7500	26,7500			26,7500					
Certificate	DE000CR1ICA1	HEINK 58.8TL OPENZ	EUR											
Certificate	NL0011042148	HEINK 61.5TL OPENH	EUR	24,5300	24,5300	23,7900			23,7900					
Certificate	NL0011425525	HEINK 64.1TL OPENB	EUR	20,8400	20,8400	20,8400			20,8400					
Certificate	NL0012048524	HEINK 65.6TL OPENH	EUR	20,6400	20,6400	19,8900			19,8900					
Certificate	NL0012094064	HEINK 69.2TL OPENH	EUR	17,3700	17,3700	16,6200			16,6200					
Certificate	NL0012489975	HEINK 69.4TL OPENB	EUR	15,8500	15,8500	15,8500			15,8500					
Certificate	NL0012171946	HEINK 71.2TL OPENH	EUR	15,4900	15,4900	14,7500			14,7500					
Certificate	NL0011996079	HEINK 71.6TS OPENH	EUR											
Certificate	NL0012111355	HEINK 72.4TL OPENB	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	NL0012175319	HEINK 73.2TL OPENH	EUR	13,5900	13,5900	12,8500			12,8500					
Certificate	DE000VAD03E7	HEINK 73.6TL OPENV	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013009681	HEINK 73.9TL OPENB	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0012111611	HEINK 74.1BL OPENB	EUR	7,2100	7,2100	6,7900	2163,0000	1	6,7900	300				
Certificate	NL0012202949	HEINK 75.3TL OPENH	EUR	11,6600	11,6600	10,9100			10,9100					
Certificate	NL0013012800	HEINK 75.4TL OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0013013808	HEINK 76.1BL OPENB	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0013019086	HEINK 76.9TL OPENB	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	NL0013153505	HEINK 78.1BL OPENB	EUR	3,7500	3,7500	2,7100	4488,1300	7	2,7900	1463				
Certificate	NL0013148356	HEINK 78.4TL OPENB	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0013128440	HEINK 78.5TL OPENH	EUR	8,7300	8,7300	7,9700			7,9700					
Certificate	NL0012899975	HEINK 82.8TS OPENH	EUR	8,0000	9,5100	8,0000			9,5100					
Certificate	NL0012994875	HEINK 86.6BS OPENB	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0012989131	HEINK 87.9TS OPENB	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	NL0012936652	HEINK 88.4TS OPENH	EUR	14,1000	15,6300	14,1000			15,6300					
Certificate	NL0012933618	HEINK 92.2TS OPENH	EUR	18,1700	19,7000	18,1700			19,7000					
Certificate	NL0011728753	HEINK 93.9TS OPENH	EUR	20,0400	21,5800	20,0400			21,5800					
Certificate	LU1790554817	HEINK 94.6TPIOPENS	EUR	12,0100	13,1600	12,0100			13,1600					
Certificate	NL0011241187	HEINK 94.7TS OPENH	EUR	20,9100	22,4400	20,9100			22,4400					
Certificate	NL0012275671	HEINK 96.7TS OPENB	EUR	24,1600	24,1600	24,1600			24,1600					
Certificate	NL0012889083	HEINK 98.5TS OPENH	EUR	24,9100	26,4400	24,9100			26,4400					
Certificate	NL0012971931	HEINK 99.7TS OPENB	EUR	27,3700	27,3700	27,3700			27,3700					
Certificate	NL0012931216	HEINK100.1TS OPENH	EUR	26,6900	28,2200	26,6900			28,2200					
Certificate	NL0012246375	HEINK105.5TS OPENH	EUR	32,5200	34,0500	32,5200			34,0500					
Certificate	DE000CV87SK5	HEINK105.9TS OPENZ	EUR											
Certificate	DE000CF80AP0	HEINK48.16TL OPENC	EUR											
Certificate	DE000CD63X18	HEINK53.74TL OPENC	EUR											
Certificate	LU1841030361	HEINK60.34TPIOPENS	EUR	21,5000	21,5000	20,3400			20,3400					
Certificate	DE000CJ3P3H0	HEINK61.25TL 0319Z	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CR4UJ35	HEINK62.23TL OPENZ	EUR											
Certificate	DE000CR6V955	HEINK63.12TL OPENZ	EUR											
Certificate	NL0011539267	HEINK65.65BL OPENB	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	DE000CJ3P3J6	HEINK65.75TL 0319Z	EUR											
Certificate	DE000CR6XCW5	HEINK66.19TL OPENZ	EUR											
Certificate	DE000VA7TEH4	HEINK66.74TL OPENV	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0011532023	HEINK67.82BL OPENB	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	LU1493003252	HEINK68.14TCIOPENS	EUR	13,5400	13,5400	12,3900			12,3900					
Certificate	DE000VA7PV26	HEINK68.72TL OPENV	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000VA90VF7	HEINK69.87TL OPENV	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0012109375	HEINK69.91BL OPENB	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	DE000VAGEFN3	HEINK70.67TL OPENV	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	LU1840980673	HEINK70.88TCIOPENS	EUR	10,9400	10,9400	9,7900			9,7900					
Certificate	DE000CE6BG24	HEINK71.14TL OPENZ	EUR											
Certificate	DE000CJ3P3K4	HEINK71.25TL 0319Z	EUR											
Certificate	DE000VAGEFR4	HEINK71.67TL OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0013010556	HEINK72.08BL OPENB	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	LU1840912916	HEINK73.02TCIOPENS	EUR	8,8000	8,8000	7,5800	606,4000	1	7,6500	80				
Certificate	DE000VA7PSH2	HEINK74.72TL OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VA7I273	HEINK75.76TL OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	LU1859906999	HEINK76.21TCIOPENS	EUR	5,7100	5,7100	4,5700			4,5700					
Certificate	DE000CJ3QBE6	HEINK76.61TL OPENZ	EUR											
Certificate	DE000VA87LQ1	HEINK76.81TL OPENV	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000VA87LT5	HEINK77.81TL OPENV	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000VA90VG5	HEINK78.87TL OPENV	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	DE000VA90TJ3	HEINK82.36TS OPENV	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	NL0012996912	HEINK83.62BS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VAGECD1	HEINK83.74TS OPENV	EUR	0,2700	0,2850	0,2700	1,3500	1	0,2850	5				
Certificate	LU1817217406	HEINK85.48TPHOPENS	EUR	3,9000	5,0400	3,9000			5,0400					
Certificate	DE000VAD6690	HEINK85.77TS OPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CJ3NZ52	HEINK86.04TS OPENZ	EUR											
Certificate	DE000VASRQX3	HEINK87.81TS OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0012985824	HEINK89.57BS OPENB	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	DE000VASRQV1	HEINK89.81TS OPENV	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000VASRQZ8	HEINK91.81TS OPENV	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012490163	HEINK91.95BS OPENB	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000VASRQ07	HEINK93.81TS OPENV	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000VASRQ15	HEINK95.81TS OPENV	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000CE6D4Q1	HEINK95.99TS OPENZ	EUR											
Certificate	DE000VASRQ23	HEINK97.81TS OPENV	EUR	1,6900	1,6900	1,6550	1,6900	1	1,6550	1				
Certificate	NL0011721337	HENKE 89TL OPENH	EUR	2,0800	2,0800	1,8900			1,8900					
Certificate	NL0011714027	HENKE 92TL OPENH	EUR	1,8100	1,8100	1,6200			1,6200					
Certificate	NL0011721345	HENKE 84.8TL OPENH	EUR	2,4700	2,4700	2,2800			2,2800					
Certificate	NL0013128457	HENKE 94.5TL OPENH	EUR	1,5700	1,5700	1,3800			1,3800					
Certificate	NL0012905145	HENKE104.7TS OPENH	EUR	0,8500	1,0700	0,8500			1,0700					
Certificate	NL0012888697	HENKE114.6TS OPENH	EUR	1,9100	2,1300	1,9100			2,1300					
Certificate	NL0012565261	HENKE116.3TS OPENH	EUR	2,1000	2,3200	2,1000			2,3200					
Certificate	NL0012333819	HENKE124.2TS OPENH	EUR	2,9400	3,1600	2,9400			3,1600					
Certificate	NL0011225552	HENKE127.2TS OPENH	EUR	3,2600	3,4800	3,2600			3,4800					
Certificate	NL0012210108	HENKE151.2TS OPENH	EUR	5,8400	6,0600	5,8400			6,0600					
Certificate	DE000CJ3NUE3	HENKE67.66TL OPENZ	EUR	3,5900	3,5900	3,4500			3,4500					
Certificate	DE000CR9RQT7	HENKE77.67TL OPENZ	EUR	2,5900	2,5900	2,4500			2,4500					
Certificate	DE000CR9P6H0	HENKE86.64TL OPENZ	EUR	1,6900	1,6900	1,5600			1,5600					
Certificate	DE000CV893G7	HERMS467.8TL OPENZ	EUR	1,5600	1,8950	1,5600			1,8950					
Certificate	DE000CJ3QCV8	HFSH 6.29TL OPENZ	EUR	0,6400	0,6400	0,6250			0,6250					
Certificate	DE000CJ3N3M2	HFSH 7.29TL OPENZ	EUR	0,4600	0,4600	0,4350			0,4350					
Certificate	DE000CV4YZR3	HFSH 8.28TL OPENZ	EUR											
Certificate	DE000CJ3QLN6	HFSH 8.29TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013005713	HLAN 127.TL OPENB	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CJ3PB41	HLAN 105.4TL OPENZ	EUR	1,9800	1,9950	1,9800	198,0000	1	1,9950	100				
Certificate	NL0013015357	HLAN 119.5TL OPENB	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CJ3PB58	HLAN 120.4TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013005721	HLAN 134.6TL OPENB	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CJ3PB66	HLAN 135.4TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0013005762	HLAN 150.2TS OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013005770	HLAN 165.2TS OPENB	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CJ3PRV2	HLAN 95.29TL OPENZ	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000CV87TK3	HMB 82.2TL OPENZ	EUR	1,6800	1,7100	1,6800			1,7100					
Certificate	DE000CV4ZTT9	HMB 102.4TL OPENZ	EUR	1,2900	1,3100	1,2900			1,3100					
Certificate	DE000CV887N5	HMB 112.3TL OPENZ	EUR	1,1000	1,1200	1,1000			1,1200					
Certificate	DE000CJ3NB2	HMB 122.3TL OPENZ	EUR	0,9000	0,9300	0,9000			0,9300					
Certificate	DE000CJ3NS02	HMB 137.3TL OPENZ	EUR	0,6100	0,6400	0,6100			0,6400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QDT0	HMB 152.2TL OPENZ	EUR	0,3300	0,3500	0,3300			0,3500					
Certificate	DE000CV880X9	HMB 92.39TL OPENZ	EUR	1,4800	1,5100	1,4800			1,5100					
Certificate	NL0011525654	HOMED105.9TL OPENB	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CD62361	HSBC 4.115TL OPENZ	EUR	3,0350	3,0350	2,9950			2,9950					
Certificate	DE000CD62LF1	HSBC 4.791TL OPENZ	EUR	2,2750	2,2750	2,2350			2,2350					
Certificate	DE000CD64183	HSBC 5.799TL OPENZ	EUR	1,1350	1,1350	1,1050			1,1050					
Certificate	NL0000456457	HSCEI PI OPENN	EUR	119,3000	119,3000	119,3000			119,3000					
Certificate	NL0011218367	HSCEI STN1019V	EUR	104,0000	104,0000	104,0000			104,0000					
Certificate	NL0000450922	HSCEI 1360TL OPENB	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0006473597	HSCEI 2050TL OPENB	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0006518359	HSCEI 3590TL OPENB	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0009067479	HSCEI 4500TL OPENB	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	NL0009069947	HSCEI 5520TL OPENB	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0009995448	HSCEI 6540TL OPENB	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012277933	HSCEI 8720TL OPENB	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012277958	HSCEI 9760TL OPENB	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012976286	HSCEI11470TS OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012976294	HSCEI11960TS OPENB	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012976302	HSCEI12460TS OPENB	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0011252796	HSCEI13950TS OPENB	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE0005718605	HSI PI OPENN	EUR	302,1400	302,1400	302,1400			302,1400					
Certificate	NL0006467334	HSI 3540TL OPENB	EUR	26,2350	26,2350	26,2350			26,2350					
Certificate	NL0009172667	HSI 6290TL OPENB	EUR	23,3150	23,3150	23,3150			23,3150					
Certificate	NL0009172675	HSI 9920TL OPENB	EUR	19,4450	19,4450	19,4450			19,4450					
Certificate	NL0010609160	HSI 15300TL OPENB	EUR	13,7250	13,7250	13,7250			13,7250					
Certificate	NL0012277990	HSI 18330TL OPENB	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	NL0012278006	HSI 21460TL OPENB	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0012278014	HSI 23540TL OPENB	EUR	5,0800	5,0800	4,9500	3810,0000	1	4,9500	750				
Certificate	NL0012278022	HSI 24580TL OPENB	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013157233	HSI 25580TL OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013157258	HSI 27030TS OPENB	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013157266	HSI 28030TS OPENB	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012976328	HSI 29030TS OPENB	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012976336	HSI 31030TS OPENB	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CJ3PHU1	HUGO 39.22TL OPENZ	EUR	2,3600	2,4200	2,3600			2,4200					
Certificate	DE000CE6DQL5	HUGO 49.24TL OPENZ	EUR	1,3600	1,4300	1,3600			1,4300					
Certificate	DE000CE6CCZ7	HUGO 55.23TL OPENZ	EUR	0,7600	0,8300	0,7600			0,8300					
Certificate	NL0000458172	IABBP PI OPENN	EUR	90,9000	90,9000	90,9000			90,9000					
Certificate	NL0000847689	IAEET PI OPENN	EUR	1,4800	1,5400	1,4800	4256,0000	1	1,5400	2800				
Certificate	NL0006303281	IAVIT PI OPENN	EUR	19,2500	19,2500	19,2000			19,2000					
Certificate	NL0000290195	IAWUT PI OPENN	EUR	32,6500	33,3900	32,6500			33,3900					
Certificate	DE000CV4ZCG2	IBAB 10.4TL OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0013158348	IBAB 16.4TS OPENB	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	NL0013001969	IBAB 19.4TS OPENB	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CE6EAD4	IBAB 32.9TS OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CJ3PUL3	IBAB 8.36TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CJ3N633	IBAB 9.42TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CJ3NLR4	IBAB 11.51TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013015894	IBAB 11.54TL OPENB	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0013009707	IBAB 12.54TL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CV4ZCE7	IBAB 12.59TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0013005812	IBAB 13.54TL OPENB	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CJ3PV96	IBAB 13.59TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0013156508	IBAB 14.54TL OPENB	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CJ3QJC3	IBAB 14.59TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013152754	IBAB 16.44TS OPENB	EUR											
Certificate	NL0012994040	IBAB 22.39TS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV505N3	IBERD4.532TL OPENZ	EUR	2,2650	2,2650	2,2500			2,2500					
Certificate	DE000CE6CA03	IBERD5.232TL OPENZ	EUR	1,5650	1,5650	1,5500			1,5500					
Certificate	NL0010131066	IBEX 4640TL OPENB	EUR	46,5900	46,5900	46,5900			46,5900					
Certificate	NL0010134136	IBEX 5760TL OPENB	EUR	35,7800	35,7800	35,7800			35,7800					
Certificate	DE000CN6JQA4	IBEX 6283TL OPENZ	EUR	28,7800	28,7800	28,7800			28,7800					
Certificate	NL0010443057	IBEX 6320TL OPENB	EUR	30,3000	30,3000	30,3000			30,3000					
Certificate	DE000CN6HNC1	IBEX 6802TL OPENZ	EUR	23,5900	23,5900	23,5900			23,5900					
Certificate	NL0010445706	IBEX 6870TL OPENB	EUR	24,9200	24,9200	24,9200			24,9200					
Certificate	DE000CX0JRX5	IBEX 7000TL OPENC	EUR	19,5400	19,5400	19,5400			19,5400					
Certificate	DE000CX0JIS1	IBEX 7000TL OPENC	EUR	20,5200	20,5200	20,5200			20,5200					
Certificate	DE000CN6H3U2	IBEX 7323TL OPENZ	EUR	18,3800	18,3800	18,3800			18,3800					
Certificate	DE000CX004V8	IBEX 7500TL OPENC	EUR	13,5800	13,5800	13,5800			13,5800					
Certificate	DE000CX005F8	IBEX 7500TL OPENC	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CD626D0	IBEX 7834TL OPENZ	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	DE000CX590N3	IBEX 8200TL OPENC	EUR	6,1700	6,1700	6,1700			6,1700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD63YL0	IBEX 8338TL OPENZ	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CP063N1	IBEX 8500TL OPENC	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000CP06VN5	IBEX 9500TS OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CP07C75	IBEX 9500TS OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CJ3N740	IBEX 9624TS OPENZ	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CE6BU18	IBEX 10318TS OPENZ	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	NL0011048897	IBEX 10370TS OPENH	EUR	21,4200	21,7300	21,4200			21,7300					
Certificate	DE000CQ5AJU5	IBEX 10500TS OPENC	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CQ5AMA1	IBEX 10500TS OPENC	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	NL0011048889	IBEX 10730TS OPENH	EUR	25,4100	25,7100	25,4100			25,7100					
Certificate	DE000CE6C2X2	IBEX 11011TS OPENZ	EUR	18,5900	18,5900	18,5900			18,5900					
Certificate	DE000CY16UK4	IBEX 11500TS OPENC	EUR	10,1100	10,2200	10,0600	20310,0000	4	10,0600	2000				
Certificate	DE000CY50MT1	IBEX 11500TS OPENC	EUR	13,5700	13,5700	13,5700			13,5700					
Certificate	DE000CY51WX0	IBEX 11500TS OPENC	EUR	17,1400	17,1400	17,1400			17,1400					
Certificate	DE000CE6C899	IBEX 11708TS OPENC	EUR	25,5600	25,5600	25,5600			25,5600					
Certificate	DE000CY50MU9	IBEX 12000TS OPENC	EUR	18,3300	18,3300	18,3300			18,3300					
Certificate	DE000CY51YA4	IBEX 12000TS OPENC	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	DE000CY16RS3	IBEX 12000TS OPENC	EUR	14,4300	14,4300	14,4300			14,4300					
Certificate	NL0011048871	IBEX 12200TS OPENH	EUR	41,3200	41,6500	41,3200			41,6500					
Certificate	DE000CE6CU58	IBEX 12404TS OPENC	EUR	32,5200	32,5200	32,5200			32,5200					
Certificate	DE000CY16RT1	IBEX 13000TS OPENC	EUR	23,7400	23,7400	23,7400			23,7400					
Certificate	DE000CY16U30	IBEX 13000TS OPENC	EUR	25,3700	25,3700	25,3700			25,3700					
Certificate	NL0011048863	IBEX 13660TS OPENH	EUR	57,2400	57,5400	57,2400			57,5400					
Certificate	NL0013010135	IBM 149TS OPENB	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	NL0011052089	IBM 187TS OPENH	EUR	7,1800	7,1800	6,9700			6,9700					
Certificate	NL0009172253	IBM 78.6TL OPENB	EUR	43,1300	43,1300	43,1300			43,1300					
Certificate	NL0011637277	IBM 105.9TL OPENB	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0011240395	IBM 110.4TL OPENH	EUR	1,4900	1,6600	1,4900			1,6600					
Certificate	NL0011651534	IBM 112.2TL OPENB	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0013014558	IBM 135.3TS OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0012682975	IBM 164.2TS OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	NL0011240346	IBM 171.9TS OPENH	EUR	5,7500	5,7500	5,5400			5,5400					
Certificate	NL0012031686	IBM 181.3TS OPENB	EUR	6,5150	6,5150	6,5150			6,5150					
Certificate	NL0011408976	ICAAG205.8TL OPENH	EUR											
Certificate	NL0011408968	ICAAG221.5TL OPENH	EUR											
Certificate	NL0011714035	ICAAG338.8TS OPENH	EUR											
Certificate	DE000CJ3N0G0	ICAG 4.35TL OPENZ	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000CV4YZY9	ICAG 5.04TL OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CJ3P166	ICAG 5.74TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CJ3NVA9	ICICI 6.37TL OPENZ	EUR	0,3450	0,3550	0,3450			0,3550					
Certificate	DE000CV8ASZ2	ICICI 7.44TL OPENZ	EUR	0,2550	0,2650	0,2550			0,2650					
Certificate	DE000CJ3PSF9	ICICI 8.45TL OPENZ	EUR	0,1750	0,1850	0,1750			0,1850					
Certificate	DE000CN6KYM1	IFSfu13993TL OPENZ	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000CE6C7N2	IFSfu15607TL OPENZ	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CE6C7P7	IFSfu17116TL OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CV894D2	IFSfu22757TS OPENZ	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV87ER0	IFSfu24754TS OPENZ	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV508E6	IFSfu26751TS OPENZ	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CD64AG8	IMCD 40.1TL OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0012990659	IMCD 70.4TS OPENB	EUR	18,1000	18,1000	18,1000			18,1000					
Certificate	NL0012990477	IMCD 74.88S OPENB	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012031348	IMCD 33.34TL OPENB	EUR	27,0700	27,0700	27,0700			27,0700					
Certificate	DE000CN6KVU0	IMCD 33.82TL OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CD63QL6	IMCD 36.97TL OPENZ	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0012038764	IMCD 37.45TL OPENB	EUR	23,2500	23,2500	23,2500			23,2500					
Certificate	NL0012102743	IMCD 39.47TL OPENB	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	DE000CE6BNC5	IMCD 39.66TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CE6BPL1	IMCD 42.64TL OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0012119820	IMCD 43.52TL OPENB	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	DE000CE6BLK2	IMCD 43.72TL OPENZ	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	NL0012122030	IMCD 45.54TL OPENB	EUR	15,7100	15,7100	15,7100			15,7100					
Certificate	DE000CE6CF0	IMCD 45.61TL OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0012281810	IMCD 47.54TL OPENB	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000CV88M28	IMCD 49.57TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0013016421	IMCD 50.25BL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0013019102	IMCD 51.52TL OPENB	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	NL0012977573	IMCD 52.76BL OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CV89FA9	IMCD 53.55TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012977581	IMCD 55.28BL OPENB	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0013019128	IMCD 55.52TL OPENB	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0013156110	IMCD 59.86BS OPENB	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	NL0013154933	IMCD 61.51TS OPENB	EUR	8,5100	8,5100	8,5100			8,5100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013007982	IMCD 64.51TS OPENB	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0013007719	IMCD 64.86BS OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CJ3N484	IMCD 65.16TS OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013005614	IMCD 67.49TS OPENB	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	NL0012979546	IMCD 69.83BS OPENB	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV89FC5	IMCD 73.12TS OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CV8B0A7	IMCD 83.13TS OPENZ	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	NL0013110448	INBEV LEVOPENZ	EUR	55,8800	56,3800	55,8800			56,3800					
Certificate	NL0012331987	INBEV 32TL OPENH	EUR	3,7500	3,8100	3,7500			3,8100					
Certificate	DE000CQ58YL1	INBEV 50TL OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CP06YZ3	INBEV 50TL OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA8F4R3	INBEV 58TL 0319V	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000VA8F1K4	INBEV 60TL 0319V	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000VA8F4P7	INBEV 60TL 1218V	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CQ5ARW4	INBEV 60TL OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CY52UY0	INBEV 60TL OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000VA8F1N8	INBEV 62TL 0319V	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000VA8F1F4	INBEV 62TL 1218V	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000VA71UJ1	INBEV 64TL 0319V	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000VA8F1G2	INBEV 64TL 1218V	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CP231W5	INBEV 65TL OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CP23433	INBEV 65TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000VA9C0J0	INBEV 66TL 0319V	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000VA8F1D9	INBEV 70TS 0319V	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000VA8F1T5	INBEV 70TS 1218V	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0013110554	INBEV 72BOC0919Z	EUR	66,8100	66,9400	66,8100			66,9400					
Certificate	DE000VA8F1E7	INBEV 72TS 0319V	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VA8F1V1	INBEV 72TS 1218V	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VA8FX90	INBEV 74TS 0319V	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000VA8FYD8	INBEV 74TS 1218V	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP06VZ9	INBEV 75TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP06Z12	INBEV 75TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA71NV1	INBEV 76TS 0319V	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VA71N02	INBEV 76TS 1218V	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VA7PTQ1	INBEV 78TS 0319V	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000VA64XR3	INBEV 78TS 1218V	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0012796122	INBEV 80BON1219Z	EUR	70,5900	70,7000	70,5900			70,7000					
Certificate	DE000VA7PTR9	INBEV 80TS 0319V	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000VA6D724	INBEV 80TS 1218V	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CP06TK5	INBEV 80TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CP06Z20	INBEV 80TS OPENC	EUR	1,5100	1,5200	1,5100	936,2000	1	1,5200	620				
Certificate	DE000VA7PTS7	INBEV 82TS 0319V	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VA6D237	INBEV 82TS 1218V	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VA7PVN4	INBEV 84TS 0319V	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000VA6D245	INBEV 84TS 1218V	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012796700	INBEV 86BOC1219Z	EUR	69,4700	69,6300	69,4700			69,6300					
Certificate	DE000VA5RQP9	INBEV 86TS 1218V	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000VA5RME2	INBEV 88TS 1218V	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000VA4YTU2	INBEV 90TS 1218V	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CQ5ANR3	INBEV 90TS OPENC	EUR											
Certificate	DE000CP06206	INBEV 90TS OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CQ5BSU4	INBEV 90TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000VA320T8	INBEV 92TS 1218V	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012795231	INBEV 93BOC1218Z	EUR	67,1100	67,2600	67,1100			67,2600					
Certificate	DE000VA320U6	INBEV 94TS 1218V	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA321L3	INBEV 96TS 1218V	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000VA323K1	INBEV 98TS 1218V	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CY529L4	INBEV 100TS OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CY52B04	INBEV 100TS OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0012585129	INBEV 106TS OPENH	EUR	4,7500	4,7500	4,7400			4,7400					
Certificate	DE000CY50230	INBEV 110TS OPENC	EUR											
Certificate	DE000CY50032	INBEV 110TS OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CX0J969	INBEV 125TS OPENC	EUR											
Certificate	DE000CW42UQ1	INBEV 130TS OPENC	EUR											
Certificate	NL0012332027	INBEV 140TS OPENH	EUR	8,4300	8,4300	8,4200			8,4200					
Certificate	NL0012331979	INBEV 25.9TL OPENH	EUR	4,3200	4,3800	4,3200			4,3800					
Certificate	NL0011993407	INBEV 40.9TL OPENH	EUR	2,9300	2,9900	2,9300			2,9900					
Certificate	NL0010127148	INBEV 45.2TL OPENB	EUR	25,3050	25,3050	25,3050			25,3050					
Certificate	NL0010127932	INBEV 49.6TL OPENB	EUR	20,7800	21,1350	20,7800	2078,0000	1	21,1350	100				
Certificate	NL0011995246	INBEV 50.2TL OPENH	EUR	2,0600	2,1200	2,0600			2,1200					
Certificate	NL0011993399	INBEV 56.4TL OPENH	EUR	1,4800	1,5400	1,4800	105,0000	1	1,5400	70				
Certificate	NL0010609806	INBEV 60.4TL OPENB	EUR	11,1050	11,1050	11,1050			11,1050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012331995	INBEV 62.7TL OPENH	EUR	0,9000	0,9600	0,9000			0,9600					
Certificate	NL0013012149	INBEV 62.9TL OPENB	EUR	8,7000	8,9050	8,6950	31096,7500	2	8,8450	3525				
Certificate	NL0013154792	INBEV 68.3TS OPENB	EUR	6,6350	6,6350	6,6350			6,6350					
Certificate	NL0013125529	INBEV 69.2TS OPENH	EUR	0,7700	0,7700	0,7600			0,7600					
Certificate	NL0013014152	INBEV 73.3TS OPENB	EUR	12,0950	12,0950	12,0950			12,0950					
Certificate	NL0013079247	INBEV 76.3TS OPENH	EUR	1,5400	1,5400	1,5300			1,5300					
Certificate	DE000VA7PSB5	INBEV 76.6TS OPENV	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012995781	INBEV 78.3TS OPENB	EUR	17,4450	17,4450	17,4450			17,4450					
Certificate	NL0012894083	INBEV 80.3TS OPENH	EUR	1,9800	1,9800	1,9700			1,9700					
Certificate	NL0012894075	INBEV 82.3TS OPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012994024	INBEV 83.2TS OPENB	EUR	22,7950	22,7950	22,7950			22,7950					
Certificate	NL0012890719	INBEV 86.2TS OPENH	EUR	2,6200	2,6200	2,6100			2,6100					
Certificate	NL0012595094	INBEV 90.2TS OPENH	EUR	3,0500	3,0500	3,0400			3,0400					
Certificate	NL0012580435	INBEV 92.2TS OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012580427	INBEV 94.1TS OPENH	EUR	3,4700	3,4700	3,4600			3,4600					
Certificate	NL0012539944	INBEV 97.1TS OPENH	EUR	3,7900	3,7900	3,7800			3,7800					
Certificate	NL0012583405	INBEV100.1TS OPENH	EUR	4,1100	4,1100	4,1000			4,1000					
Certificate	DE000CE6DKR5	INBEV100.5TS OPENZ	EUR	6,6500	6,6500	6,6200			6,6200					
Certificate	NL0012925994	INBEV102.3TS OPENH	EUR	4,3500	4,3500	4,3400			4,3400					
Certificate	NL0011421862	INBEV105.7TS OPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012592687	INBEV105.9TS OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0011041876	INBEV108.5TS OPENH	EUR	5,0200	5,0200	5,0100			5,0100					
Certificate	NL0012048383	INBEV114.5TS OPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0011995162	INBEV119.9TS OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0011995154	INBEV125.6TS OPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0011995147	INBEV131.3TS OPENH	EUR	7,4900	7,4900	7,4800			7,4800					
Certificate	NL0012549034	INBEV138.4TS OPENH	EUR	8,2600	8,2600	8,2500			8,2500					
Certificate	NL0012559611	INBEV138.9TS OPENH	EUR	8,3100	8,3100	8,3000			8,3000					
Certificate	NL0012332035	INBEV145.8TS OPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0012329445	INBEV154.5TS OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000CJ3NUC7	INBEV45.49TL OPENZ	EUR	4,4100	4,4350	4,4100			4,4350					
Certificate	DE000CV8BD37	INBEV54.49TL OPENZ	EUR	2,6000	2,6250	2,5100	1255,0000	1	2,6250	500				
Certificate	DE000VA8F5R0	INBEV54.77TL OPENV	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000VA8F5S8	INBEV55.77TL OPENV	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000VA8F5T6	INBEV56.77TL OPENV	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013017528	INBEV57.47BL OPENB	EUR	10,5350	10,5350	10,5350			10,5350					
Certificate	DE000VA8F3N4	INBEV57.77TL OPENV	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000VA8F3P9	INBEV58.77TL OPENV	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000VA8F3Q7	INBEV59.77TL OPENV	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CJ3N8C2	INBEV59.97TL OPENZ	EUR	1,5300	1,5450	1,4900	9596,0000	2	1,5450	6400				
Certificate	NL0013017536	INBEV60.37BL OPENB	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	DE000VA71WA6	INBEV61.72TL OPENV	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000VA71R08	INBEV62.72TL OPENV	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0013004351	INBEV63.44BL OPENB	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	DE000VA8F3R5	INBEV63.77TL OPENV	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CJ3QCM7	INBEV63.96TL OPENZ	EUR	0,7400	0,7650	0,7200	1440,0000	1	0,7650	2000				
Certificate	DE000VA9C043	INBEV64.86TL OPENV	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000VA9C068	INBEV65.86TL OPENV	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000VA90TB0	INBEV69.32TS OPENV	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000VA8F3J2	INBEV70.49TS OPENV	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000VA8F3K0	INBEV71.49TS OPENV	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0013017635	INBEV71.56BS OPENB	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	DE000VA8F3L8	INBEV72.49TS OPENV	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CJ3PLZ2	INBEV72.63TS OPENZ	EUR	1,0900	1,0900	1,0650			1,0650					
Certificate	DE000VA8F3M6	INBEV73.49TS OPENV	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000VA8FSN9	INBEV74.51TS OPENV	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0013008899	INBEV75.15BS OPENB	EUR	8,6350	8,6350	8,6350			8,6350					
Certificate	DE000VA71RX8	INBEV75.54TS OPENV	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000VA64ZF3	INBEV77.61TS OPENV	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000VA64XZ6	INBEV78.61TS OPENV	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012995526	INBEV78.94BS OPENB	EUR	12,4250	12,4250	12,4250			12,4250					
Certificate	DE000VA6D716	INBEV79.76TS OPENV	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CV8BE10	INBEV80.61TS OPENZ	EUR	2,6600	2,6800	2,6350	24120,0000	1	2,6350	9000				
Certificate	DE000VASRRX1	INBEV81.78TS OPENV	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000VASRRY9	INBEV83.78TS OPENV	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VASRQ44	INBEV85.79TS OPENV	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000VA1GMD6	INBEV89.02TS OPENV	EUR											
Certificate	DE000CV8AUE3	INBEV90.58TS OPENZ	EUR	4,6600	4,6600	4,6350			4,6350					
Certificate	NL0000456465	INDIA PI OPENN	EUR	96,9000	99,8000	96,9000			99,8000					
Certificate	NL0000290302	INDIA PI OPENN	EUR	15,3400	15,7400	15,3400			15,7400					
Certificate	DE000CV87M52	INDIT19.04TL OPENZ	EUR	1,6300	1,7200	1,6300			1,7200					
Certificate	DE000CN6JRC8	INDIT21.04TL OPENZ	EUR	1,2300	1,3200	1,2300			1,3200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87ZQ7	INDIT23.03TL OPENZ	EUR	0,8300	0,9300	0,8300	1955,3600	1	0,9300	2222				
Certificate	DE000CJ3QLS5	INDIT25.52TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0011896568	INFIN 12TL OPENH	EUR	7,0200	7,0200	6,9100			6,9100					
Certificate	NL0013185002	INFIN 17TL OPENH	EUR	2,3500	2,3500	2,2500			2,2500					
Certificate	NL0012312979	INFIN 5.9TL OPENH	EUR	12,7200	12,7200	12,6200			12,6200					
Certificate	NL0011928742	INFIN 13.3TL OPENH	EUR	5,8000	5,8000	5,7000			5,7000					
Certificate	NL0011993936	INFIN 15.1TL OPENH	EUR	4,1100	4,1100	4,0100			4,0100					
Certificate	NL0012919765	INFIN 24.3TS OPENH	EUR	7,8700	8,0600	7,8700			8,0600					
Certificate	NL0012917173	INFIN 24.8TS OPENH	EUR	8,3900	8,5900	8,3900			8,5900					
Certificate	NL0012057533	INFIN 25.5TS OPENH	EUR	9,1500	9,3500	9,1500			9,3500					
Certificate	NL0012312961	INFIN 7.43TL OPENH	EUR	11,2900	11,2900	11,1900			11,1900					
Certificate	NL0012312953	INFIN 8.97TL OPENH	EUR	9,8600	9,8600	9,7500			9,7500					
Certificate	NL0011714183	INFIN10.75TL OPENH	EUR	8,1900	8,1900	8,0800			8,0800					
Certificate	NL0011714167	INFIN11.27TL OPENH	EUR	7,7000	7,7000	7,6000			7,6000					
Certificate	DE000CN6K2G8	INFIN11.61TL OPENZ	EUR	6,3000	6,5200	6,3000	1071,0000	1	6,5200	170				
Certificate	NL0011896576	INFIN11.74TL OPENH	EUR	7,2600	7,2600	7,1500			7,1500					
Certificate	NL0011896550	INFIN12.26TL OPENH	EUR	6,7700	6,7700	6,6700			6,6700					
Certificate	NL0011926860	INFIN12.52TL OPENH	EUR	6,5300	6,5300	6,4300			6,4300					
Certificate	NL0011927827	INFIN12.78TL OPENH	EUR	6,2900	6,2900	6,1800			6,1800					
Certificate	NL0011927819	INFIN13.04TL OPENH	EUR	6,0500	6,0500	5,9400			5,9400					
Certificate	DE000CJ3PPP4	INFIN13.19TL OPENZ	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0011929377	INFIN13.55TL OPENH	EUR	5,5600	5,5600	5,4600			5,4600					
Certificate	NL0011934120	INFIN13.82TL OPENH	EUR	5,3100	5,3100	5,2100			5,2100					
Certificate	NL0011934336	INFIN14.08TL OPENH	EUR	5,0700	5,0700	4,9700			4,9700					
Certificate	NL0011975651	INFIN14.58TL OPENH	EUR	4,6000	4,6000	4,5000			4,5000					
Certificate	DE000CD62KN7	INFIN14.69TL OPENZ	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	NL0012333801	INFIN15.34TL OPENH	EUR	3,8900	3,8900	3,7900			3,7900					
Certificate	NL0011996319	INFIN15.55TL OPENH	EUR											
Certificate	NL0012049316	INFIN15.62TL OPENH	EUR	3,6300	3,6300	3,5300			3,5300					
Certificate	NL0011997523	INFIN16.05TL OPENH	EUR											
Certificate	DE000CJ3QK23	INFIN16.68TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0013133135	INFIN18.75TS OPENH	EUR	1,9100	2,1100	1,9100			2,1100					
Certificate	NL0012897953	INFIN21.04TS OPENH	EUR	4,3600	4,5600	4,3600			4,5600					
Certificate	NL0012938310	INFIN22.41TS OPENH	EUR	5,8400	6,0300	5,8400			6,0300					
Certificate	NL0012920904	INFIN23.32TS OPENH	EUR	6,8100	7,0100	6,8100			7,0100					
Certificate	NL0012093819	INFIN25.53TS OPENH	EUR	9,1800	9,3700	9,1800			9,3700					
Certificate	NL0012861298	INFIN26.19TS OPENH	EUR	9,8900	10,0900	9,8900			10,0900					
Certificate	NL0012557763	INFIN26.64TS OPENH	EUR	10,3800	10,5700	10,3800			10,5700					
Certificate	NL0012542195	INFIN26.72TS OPENH	EUR	10,4600	10,6500	10,4600			10,6500					
Certificate	NL0012206825	INFIN27.09TS OPENH	EUR	10,8600	11,0600	10,8600			11,0600					
Certificate	NL0012312920	INFIN28.74TS OPENH	EUR	12,6300	12,8300	12,6300			12,8300					
Certificate	NL0012312912	INFIN30.19TS OPENH	EUR	14,1900	14,3800	14,1900			14,3800					
Certificate	NL0012519037	INFIN31.92TS OPENH	EUR	16,0400	16,2400	16,0400			16,2400					
Certificate	NL0012524995	INFIN31.98TS OPENH	EUR	16,1000	16,3000	16,1000			16,3000					
Certificate	NL0012546469	INFIN33.62TS OPENH	EUR	17,8600	18,0600	17,8600			18,0600					
Certificate	NL0012527964	INFIN34.93TS OPENH	EUR	19,2700	19,4700	19,2700			19,4700					
Certificate	NL0012540595	INFIN35.01TS OPENH	EUR	19,3500	19,5500	19,3500			19,5500					
Certificate	NL0012561021	INFIN36.47TS OPENH	EUR	20,9200	21,1200	20,9200			21,1200					
Certificate	NL0012538110	INFIN37.91TS OPENH	EUR	22,4700	22,6700	22,4700			22,6700					
Certificate	DE000CJ3PSG7	INFOS 6.34TL OPENZ	EUR	0,2950	0,3250	0,2950			0,3250					
Certificate	DE000CV8AT14	INFOS 7.33TL OPENZ	EUR	0,4150	0,4850	0,4150			0,4850					
Certificate	DE000CJ3NKR6	INFOS 8.38TL OPENZ	EUR	0,1150	0,1550	0,1150			0,1550					
Certificate	DE000CE6BQM7	ING LEVOPENZ	EUR	15,0200	15,3950	15,0200			15,3950					
Certificate	DE000CE6BQC8	ING SHROPEZ	EUR	28,9400	28,9400	28,2150			28,2150					
Certificate	XS1365096327	ING STN0219B	EUR	109,2000	109,2000	109,2000			109,2000					
Certificate	XS1758704230	ING STN0221B	EUR	68,3000	68,3000	67,9000			67,9000					
Certificate	XS1649307003	ING STN0720B	EUR	71,3000	71,3000	70,8000			70,8000					
Certificate	XS1913464753	ING STN1121B	EUR	97,1000	97,1000	96,7500			96,7500					
Certificate	XS1536788042	ING STN1219B	EUR	89,1000	89,1000	89,1000			89,1000					
Certificate	DE000VA8FUZ9	ING 9TL 0319V	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	DE000CX0KWW5	ING 9TL OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	LU1859832260	ING 10TCIOPENS	EUR	1,1000	1,1000	1,0500			1,0500					
Certificate	DE000VA7PSY7	ING 10TL 0319V	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000VAGEAG8	ING 10TL 1218V	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CV8BEQ9	ING 10TL 1218Z	EUR	1,0000	1,0600	1,0000			1,0600					
Certificate	DE000CX0IQS9	ING 10TL OPENC	EUR											
Certificate	DE000CX0KYW1	ING 10TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CX59PR1	ING 10TL OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CX59PS9	ING 11TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	LU1876936755	ING 11TPIOPENS	EUR											
Certificate	DE000VA9C5G5	ING 11TS 0319V	EUR											
Certificate	DE000CP23D33	ING 11TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012796981	ING 12BOC1219Z	EUR	11,0200	11,0400	11,0200			11,0400					
Certificate	DE000VA7PSV3	ING 12TS 0319V	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000VA5RRU7	ING 12TS 1218V	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CJ3PE30	ING 12TS 1218Z	EUR	1,1500	1,1500	1,1000			1,1000					
Certificate	DE000CP062G7	ING 12TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP060H9	ING 12TS OPENC	EUR	1,0400	1,0400	1,0100	2,0500	2	1,0300		2			
Certificate	NL0012795579	ING 13BOC0619Z	EUR	11,3700	11,4200	11,3700			11,4200					
Certificate	DE000CY16AQ3	ING 13TL OPENC	EUR											
Certificate	DE000VA5ELT0	ING 13TS 1218V	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CP065G0	ING 13TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CQ58E62	ING 13TS OPENC	EUR											
Certificate	DE000VA322P2	ING 14TS 1218V	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	DE000CQ5AZ35	ING 14TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CQ582P4	ING 14TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CQ5A7Q2	ING 15TS OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CY52YE4	ING 16TS OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CY52QT8	ING 16TS OPENC	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	NL0012648315	ING 18BOC0619Z	EUR	10,5700	10,6400	10,5700			10,6400					
Certificate	DE000CY16F05	ING 18TS OPENC	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0009900224	ING 2.3TL OPENB	EUR	8,8650	8,8650	8,8650			8,8650					
Certificate	NL0010174165	ING 2.6TL OPENB	EUR	8,6250	8,6250	8,6250			8,6250					
Certificate	NL0010175436	ING 2.9TL OPENB	EUR	8,2850	8,2850	8,2850			8,2850					
Certificate	NL0010175758	ING 3.3TL OPENB	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	NL0010378568	ING 3.7TL OPENB	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	NL0010380408	ING 4.4TL OPENB	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	NL0010441309	ING 4.8TL OPENB	EUR	6,5150	6,5150	6,5150			6,5150					
Certificate	NL0010442323	ING 5.3TL OPENB	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	NL0010445599	ING 5.9TL OPENB	EUR	5,5350	5,5350	5,5350			5,5350					
Certificate	NL0010515508	ING 6.5TL OPENB	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	NL0010153235	ING 6.6TL OPENA	EUR											
Certificate	NL0010887501	ING 6.6TL OPENB	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	DE000CV8BEP1	ING 8.5TL 1218Z	EUR	2,5000	2,5500	2,5000			2,5500					
Certificate	DE000CX00369	ING 8.5TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CD62KB2	ING 9.2TL OPENZ	EUR	2,0000	2,0600	2,0000	2050,0000	1	2,0600	1000				
Certificate	DE000VA7TDW5	ING 9.5TL 0319V	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000VA8FUY2	ING 9.5TL 1218V	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CV8APH6	ING 9.5TL 1218Z	EUR	1,5000	1,5500	1,5000			1,5500					
Certificate	DE000CP065R7	ING 9.5TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CX0KYV3	ING 9.5TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CP065B1	ING 9.5TL OPENC	EUR	1,5000	1,5200	1,5000	3000,0000	1	1,5200	2000				
Certificate	DE000CJ3PVQ0	ING 10.4TL OPENZ	EUR	0,5700	0,6200	0,5700	700,2000	4	0,6200	1218				
Certificate	DE000VA87EC6	ING 10.5TL 0319V	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000VA87EB8	ING 10.5TL 1218V	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000CP234T5	ING 10.5TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CP232C5	ING 10.5TL OPENC	EUR	0,5200	0,5600	0,5200	52,0000	1	0,5600	100				
Certificate	DE000VA9C0E1	ING 11.5TS 0319V	EUR	0,6000	0,6000	0,5850	9600,0000	2	0,5850	16000				
Certificate	NL0013003247	ING 12.1BOC0919B	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0012796379	ING 12.1BOC1219Z	EUR	10,9600	10,9800	10,9600			10,9800					
Certificate	NL0012796361	ING 12.2BOC0919Z	EUR	11,0300	11,0600	11,0300			11,0600					
Certificate	LU1816972027	ING 12.3TPIOPENS	EUR	1,3200	1,3700	1,3200			1,3700					
Certificate	DE000VA7PSW1	ING 12.5TS 0319V	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000VA5RDL6	ING 12.5TS 1218V	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CQ58T73	ING 12.5TS OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CP065Z0	ING 12.5TS OPENC	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CQ58KT3	ING 12.5TS OPENC	EUR											
Certificate	DE000VA3THR5	ING 12.5TS OPENV	EUR											
Certificate	NL0012796619	ING 12.6BOC1219Z	EUR	11,0400	11,0700	11,0400			11,0700					
Certificate	NL0013148810	ING 13.3BOC1219B	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	LU1790555038	ING 13.3TPIOPENS	EUR	2,0500	2,1000	2,0500			2,1000					
Certificate	DE000VA3ZYX5	ING 13.5TS 1218V	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CV8AVR3	ING 13.5TS 1218Z	EUR	2,6500	2,6500	2,5900			2,5900					
Certificate	DE000CP06610	ING 13.5TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CQ580B8	ING 13.5TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CQ582N9	ING 13.5TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012976633	ING 13.6BOC0619B	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	NL0012795587	ING 13.6BOC0919Z	EUR	11,1700	11,2400	11,1700			11,2400					
Certificate	DE000CQ5APM9	ING 14.5TS OPENC	EUR											
Certificate	DE000CQ5AWQ6	ING 14.5TS OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012579122	ING 14.5TS OPENH	EUR	4,6600	4,7200	4,6600			4,7200					
Certificate	DE000CV8ABD5	ING 15.5TS 1218Z	EUR	4,6500	4,6500	4,5900			4,5900					
Certificate	DE000CY52B11	ING 15.5TS OPENC	EUR											
Certificate	DE000CY52Q7Q	ING 15.5TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY52VM3	ING 15.5TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CY52YF1	ING 15.5TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012236194	ING 16.5BON1218Z	EUR	10,8900	10,9600	10,8900			10,9600					
Certificate	DE000CY52QV4	ING 16.5TS OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012649024	ING 16.68OC1218Z	EUR	10,8800	10,9500	10,8800			10,9500					
Certificate	NL0012264246	ING 16.7TS OPENB	EUR	7,0950	7,0950	7,0950			7,0950					
Certificate	NL0012649032	ING 16.98OC0619Z	EUR	10,5700	10,6400	10,5700			10,6400					
Certificate	NL0012494595	ING 17.58OC1218B	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	DE000CY51AH9	ING 17.5TS OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012676266	ING 17.98OC1218B	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	NL0011051529	ING 2.04TL OPENH	EUR	9,1100	9,1100	9,0900			9,0900					
Certificate	NL0011039508	ING 3.33TL OPENH	EUR	7,9000	7,9000	7,8800			7,8800					
Certificate	NL0011040241	ING 4.13TL OPENH	EUR	7,1600	7,1600	7,1400			7,1400					
Certificate	NL0011040233	ING 5.72TL OPENH	EUR	5,6800	5,6800	5,6600			5,6600					
Certificate	NL0011230487	ING 6.03TL OPENH	EUR	5,3900	5,3900	5,3700			5,3700					
Certificate	NL0011051487	ING 6.41TL OPENH	EUR	5,0400	5,0400	5,0100			5,0100					
Certificate	DE000CJ3PFR1	ING 6.49TL OPENZ	EUR	4,4500	4,5100	4,4500			4,5100					
Certificate	NL0011040225	ING 6.52TL OPENH	EUR	4,9400	4,9600	4,9200	992,0000	1	4,9200	200				
Certificate	NL0011051479	ING 6.81TL OPENH	EUR	4,6700	4,6700	4,6400			4,6400					
Certificate	NL0011039474	ING 6.91TL OPENH	EUR	4,5700	4,5700	4,5400			4,5400					
Certificate	NL0011906516	ING 7.66TL OPENB	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0011914221	ING 8.17TL OPENB	EUR	3,3500	3,3500	3,3200	1334,0000	2	3,3450	400				
Certificate	DE000CD624J2	ING 8.18TL OPENZ	EUR	2,9900	3,0500	2,9900			3,0500					
Certificate	LU1840913054	ING 8.66TCIOPENS	EUR	2,4300	2,4300	2,3800			2,3800					
Certificate	NL0012579205	ING 8.68TL OPENH	EUR	2,9200	2,9200	2,8900	289,0000	1	2,9000	100				
Certificate	NL0011914874	ING 8.69TL OPENB	EUR	2,9000	2,9000	2,8650	580,0000	1	2,8650	200				
Certificate	DE000CJ3P3L2	ING 8.85TL 0319Z	EUR	2,1500	2,2000	2,1500			2,2000					
Certificate	NL0011914635	ING 8.96TL OPENB	EUR	2,6000	2,6250	2,6000	1040,0000	1	2,6250	400				
Certificate	NL0012020358	ING 9.46TL OPENB	EUR	2,1700	2,1700	2,1450	3890,0000	4	2,1550	1800				
Certificate	DE000CJ3P3M0	ING 9.65TL 0319Z	EUR	1,3500	1,4000	1,3500			1,4000					
Certificate	LU1840913138	ING 9.74TCIOPENS	EUR	1,3500	1,3500	1,3000			1,3000					
Certificate	DE000CP065C9	ING 9.75TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CP06555	ING 9.75TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CJ3PKM2	ING 9.91TL OPENZ	EUR	1,3200	1,3700	1,3200			1,3700					
Certificate	NL0012023980	ING 9.98TL OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0013124506	ING 10.01TL OPENH	EUR	1,6900	1,6900	1,6600			1,6600					
Certificate	NL0013147283	ING 10.228L OPENB	EUR	0,9500	0,9500	0,8950	95,0000	1	0,8950	100				
Certificate	DE000CP232B7	ING 10.25TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	LU1784828748	ING 10.28TL OPENS	EUR											
Certificate	DE000VA87EF9	ING 10.33TL OPENV	EUR	0,6600	0,6750	0,6600	99,0000	1	0,6750	150				
Certificate	DE000CJ3P3N8	ING 10.35TL 0319Z	EUR	0,6600	0,7100	0,6600			0,7100					
Certificate	LU1859913938	ING 10.46TCIOPENS	EUR	0,6500	0,6500	0,6000			0,6000					
Certificate	NL0013148380	ING 10.48TL OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000VA87EG7	ING 10.53TL OPENV	EUR	0,4600	0,4950	0,4500	263,5800	3	0,4950	573				
Certificate	DE000VA90U00	ING 10.95TS OPENV	EUR											
Certificate	DE000VA9C3A3	ING 11.15TS OPENV	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0013154297	ING 11.18TS OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0012796965	ING 11.25B0C0619Z	EUR	10,8700	10,8800	10,8700			10,8800					
Certificate	DE000CP232E1	ING 11.25TS OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0013153992	ING 11.28BS OPENB	EUR	0,4500	0,4950	0,4450	10,9200	3	0,4950	24				
Certificate	DE000VA9C2N8	ING 11.35TS OPENV	EUR	0,4000	0,4300	0,4000	415,0000	2	0,4250	1000				
Certificate	DE000VA9C5R5	ING 11.56TS OPENV	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0013001951	ING 11.68TS OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0012796973	ING 11.75B0C0919Z	EUR	11,0500	11,0600	11,0500			11,0600					
Certificate	DE000CP065X5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP065E5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP06MF0	ING 11.75TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL001294883	ING 11.77BS OPENB	EUR	0,9500	1,0100	0,9350	22385,0000	9	0,9850	23000				
Certificate	DE000VAD64X5	ING 11.81TS OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VAD6294	ING 12.01TS OPENV	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CV8BC12	ING 12.03TS OPENZ	EUR	1,1400	1,1400	1,0800			1,0800					
Certificate	NL0012889091	ING 12.09TS OPENH	EUR	2,0600	2,1300	2,0600			2,1300					
Certificate	NL0012989149	ING 12.18TS OPENB	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000VASRDK8	ING 12.22TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CP065Y3	ING 12.25TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CP060J5	ING 12.25TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012988943	ING 12.27BS OPENB	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0013003304	ING 12.35B0C0719B	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	DE000VASRMK9	ING 12.42TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CV8BED7	ING 12.53TS OPENZ	EUR	2,0100	2,0100	1,9600			1,9600					
Certificate	NL0012938328	ING 12.59TS OPENH	EUR	2,6000	2,6600	2,6000			2,6600					
Certificate	NL0012796148	ING 12.65BON0919Z	EUR	11,1700	11,2300	11,1700			11,2300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012796155	ING 12.658ON1219Z	EUR	11,0200	11,0800	11,0200			11,0800					
Certificate	NL0012988752	ING 12.68TS OPENB	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000VASRCP9	ING 12.72TS OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CJ3Q881	ING 12.75TS 0319Z	EUR	1,9000	1,9000	1,8400	556,5000	4		300				
Certificate	DE000CP06602	ING 12.75TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CP065F2	ING 12.75TS OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0012988539	ING 12.76BS OPENB	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000VASRML7	ING 13.02TS OPENV	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CV898L6	ING 13.03TS OPENZ	EUR	2,1300	2,1300	2,0700			2,0700					
Certificate	NL0012789564	ING 13.25BS OPENB	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	NL0012935449	ING 13.29TS OPENH	EUR	3,3600	3,4200	3,3600			3,4200					
Certificate	DE000VASRMM5	ING 13.42TS OPENV	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0012789234	ING 13.43TS OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	DE000VA15SW5	ING 13.53TS OPENV	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CV89713	ING 13.58TS OPENZ	EUR	3,0900	3,0900	3,0300			3,0300					
Certificate	LU1757001372	ING 13.62TPIOPENS	EUR	2,2900	2,3400	2,2900			2,3400					
Certificate	DE000CQ5AZ27	ING 13.75TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012586630	ING 13.84TS OPENH	EUR	3,9500	4,0100	3,9500			4,0100					
Certificate	LU1756863715	ING 13.89TPIOPENS	EUR	2,5500	2,6000	2,5500			2,6000					
Certificate	DE000CV881Y5	ING 14.03TS OPENZ	EUR	3,1200	3,1200	3,0700			3,0700					
Certificate	DE000VA15K61	ING 14.04TS OPENV	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	NL0012793046	ING 14.13BOC1218B	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	LU1784829399	ING 14.14TS OPENS	EUR											
Certificate	NL0012687313	ING 14.23BS OPENB	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000CJ3P3P3	ING 14.25TS 0319Z	EUR	3,4100	3,4100	3,3500			3,3500					
Certificate	NL0013000482	ING 14.72BS OPENB	EUR	3,9350	3,9350	3,9350			3,9350					
Certificate	DE000CQ5A5H5	ING 14.75TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0012579114	ING 14.99TS OPENH	EUR	5,1900	5,2500	5,1900			5,2500					
Certificate	DE000CV505P8	ING 15.02TS OPENZ	EUR	4,1200	4,1200	4,0600			4,0600					
Certificate	DE000VL76NS3	ING 15.03TS OPENV	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	NL0013000490	ING 15.22BS OPENB	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000CQ5AO28	ING 15.25TS OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	LU1784829126	ING 15.42TS OPENS	EUR											
Certificate	NL0012579106	ING 15.49TS OPENH	EUR	5,7200	5,7800	5,7200			5,7800					
Certificate	DE000CV50657	ING 15.51TS OPENZ	EUR	5,0800	5,0800	5,0300			5,0300					
Certificate	DE000VL76J26	ING 15.55TS OPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000CY52VN1	ING 15.75TS OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CY527R5	ING 15.75TS OPENC	EUR											
Certificate	DE000CY52BK9	ING 15.75TS OPENC	EUR											
Certificate	NL0011051388	ING 15.97TS OPENH	EUR	6,2500	6,3100	6,2500			6,3100					
Certificate	NL0012579098	ING 15.98TS OPENH	EUR	6,2500	6,3200	6,2500			6,3200					
Certificate	DE000CY52QU6	ING 16.25TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012579080	ING 16.47TS OPENH	EUR	6,7800	6,8500	6,7800			6,8500					
Certificate	NL0012579072	ING 16.96TS OPENH	EUR	7,3100	7,3800	7,3100			7,3800					
Certificate	NL0012579064	ING 17.45TS OPENH	EUR	7,8400	7,9100	7,8400			7,9100					
Certificate	DE000VL37FH4	ING 17.68TS OPENV	EUR	6,5550	6,5550	6,5550			6,5550					
Certificate	NL0012579056	ING 17.94TS OPENH	EUR	8,3700	8,4400	8,3700			8,4400					
Certificate	NL0011051370	ING 17.97TS OPENH	EUR	8,4000	8,4700	8,4000			8,4700					
Certificate	NL0012601819	ING 19.91TS OPENH	EUR	10,5000	10,5600	10,5000			10,5600					
Certificate	NL0012580971	ING 20.21TS OPENH	EUR	10,8200	10,8800	10,8200			10,8800					
Certificate	NL0012595151	ING 20.25TS OPENH	EUR	10,8700	10,9300	10,8700			10,9300					
Certificate	NL0012580963	ING 21.68TS OPENH	EUR	12,4100	12,4700	12,4100			12,4700					
Certificate	DE000CG29M52	ING 4.477TL OPENC	EUR											
Certificate	NL0011636469	ING 5.727BL OPENB	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	NL0013011356	ING 6.838BL OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0011904982	ING 7.339BL OPENB	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	DE000CV89P65	ING 7.397TL OPENZ	EUR	3,5500	3,6000	3,5500			3,6000					
Certificate	DE000CF3A6C9	ING 7.419TL OPENC	EUR											
Certificate	DE000CF3A6U1	ING 7.675TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012996078	ING 8.181BL OPENB	EUR	2,9000	2,9600	2,9000	787,1600	2	2,9350	271				
Certificate	DE000CV883Q7	ING 8.403TL OPENZ	EUR	2,5500	2,6000	2,5500			2,6000					
Certificate	NL0012993711	ING 8.685BL OPENB	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	DE000VA8FSC2	ING 8.723TL OPENV	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000CJ3PEJ1	ING 8.903TL OPENZ	EUR	2,0500	2,1000	2,0500			2,1000					
Certificate	DE000VA71VH3	ING 8.923TL OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	NL0011914775	ING 9.188BL OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VAGEAP9	ING 9.306TL OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CD62H01	ING 9.405TL OPENZ	EUR	1,5400	1,5900	1,5400			1,5900					
Certificate	DE000VAGEAR5	ING 9.506TL OPENV	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000VAGD4Y3	ING 9.704TL OPENV	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0012020606	ING 9.717BL OPENB	EUR	1,4500	1,4550	1,3900	2860,0000	3	1,3950	2000				
Certificate	DE000VAGD344	ING 9.903TL OPENV	EUR	1,0550	1,0550	1,0550			1,0550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62JC2	ING 9.905TL OPENZ	EUR	1,0500	1,1000	1,0500	864,0000	1	1,1000	800				
Certificate	NL0009557792	INTEL 12.7TL OPENB	EUR	32,8200	32,8200	32,8200			32,8200					
Certificate	NL0009626548	INTEL 14.6TL OPENB	EUR	31,3300	31,3300	31,3300			31,3300					
Certificate	NL0010379327	INTEL 18.9TL OPENB	EUR	27,8700	27,8700	27,8700			27,8700					
Certificate	NL0010610119	INTEL 21.5TL OPENB	EUR	25,8000	25,8000	25,8000			25,8000					
Certificate	NL0011902838	INTEL32.35BL OPENB	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	DE000CE6FQG0	INTER 13.1TL OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0013015365	INTER10.74TL OPENB	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CE6BT86	INTER10.98TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CE6E978	INTER11.49TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013009699	INTER11.74TL OPENB	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CD64DV1	INTER12.04TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012999312	INTER12.75TL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013154198	INTER13.74TL OPENB	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0013011877	INTER14.66TS OPENB	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0012999346	INTER16.65TS OPENB	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV8JB1	INTER16.72TS OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CD64DW9	INTER18.59TS OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012999353	INTER18.66TS OPENB	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CJ3N625	INTER8.915TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CE6E2E0	INTER9.905TL OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012210660	INVEB 461TS OPENH	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	NL0011410162	INVEB220.1TL OPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	NL0011714290	INVEB239.2TL OPENH	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0011892203	INVEB250.9TL OPENH	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0011926878	INVEB261.5TL OPENH	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	NL0011929906	INVEB270.1TL OPENH	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	NL0011935598	INVEB280.5TL OPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	NL0012048557	INVEB287.5TL OPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0012681829	INVEB288.4BL OPENB	EUR											
Certificate	NL0011993969	INVEB292.3TL OPENH	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	NL0012049852	INVEB302.9TL OPENH	EUR	11,1800	11,1800	11,1800			11,1800					
Certificate	NL0012051379	INVEB313.1TL OPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012699862	INVEB319.1BL OPENB	EUR											
Certificate	NL0012053862	INVEB323.1TL OPENH	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	NL0012057582	INVEB332.6TL OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012565329	INVEB338.3TL OPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	NL0012579213	INVEB348.2TL OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0012689947	INVEB349.6BL OPENB	EUR											
Certificate	NL0012929624	INVEB357.6TL OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012930812	INVEB363.4TL OPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0012930804	INVEB368.5TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0013184690	INVEB380.1TS OPENH	EUR											
Certificate	NL0013156128	INVEB381.2BS OPENB	EUR											
Certificate	NL0013183726	INVEB390.1TS OPENH	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	NL0013081698	INVEB400.1TS OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0013130560	INVEB408.3TS OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012848071	INVEB417.8TS OPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012057566	INVEB419.3TS OPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0012849400	INVEB419.8TS OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012700066	INVEB421.1BS OPENB	EUR											
Certificate	NL0012555916	INVEB430.3TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012202964	INVEB436.7TS OPENH	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	NL0012549513	INVEB458.2TS OPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	NL0012988067	INVEB460.7BS OPENB	EUR											
Certificate	NL0012609689	INVEB482.6TS OPENH	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	NL0011813787	INXN 29.3TL OPENB	EUR	30,9650	30,9650	30,9650			30,9650					
Certificate	DE000CJ3NX70	ISPMI1.378TL OPENZ	EUR	0,6850	0,6950	0,6850			0,6950					
Certificate	DE000CJ3N096	ISPMI1.577TL OPENZ	EUR	0,4850	0,4950	0,4850			0,4950					
Certificate	DE000CE6CB77	ISPMI1.777TL OPENZ	EUR	0,2850	0,2950	0,2850			0,2950					
Certificate	NL0013183783	JDCOM 18TL OPENH	EUR	3,5300	3,6100	3,5300			3,6100					
Certificate	NL0013185184	JDCOM 19TL OPENH	EUR	2,7000	2,7900	2,7000			2,7900					
Certificate	NL0013182793	JDCOM 24TS OPENH	EUR	4,1000	4,1000	3,9600			3,9600					
Certificate	NL0013181795	JDCOM 26TS OPENH	EUR	5,9800	5,9800	5,8300			5,8300					
Certificate	NL0013182355	JDCOM 28TS OPENH	EUR	7,8700	7,8700	7,7100			7,7100					
Certificate	NL0013132608	JDCOM 36TS OPENH	EUR											
Certificate	NL0013184716	JDCOM 18.6TL OPENH	EUR	3,0300	3,1100	3,0300			3,1100					
Certificate	NL0013186091	JDCOM 19.4TL OPENH	EUR	2,3700	2,4500	2,3700			2,4500					
Certificate	NL0013183775	JDCOM 19.4TL OPENH	EUR											
Certificate	NL0013186083	JDCOM 19.8TL OPENH	EUR	2,0300	2,1200	2,0300			2,1200					
Certificate	NL0013183767	JDCOM 20.2TL OPENH	EUR											
Certificate	NL0013185382	JDCOM 20.2TS OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013184708	JDCOM 20.8TS OPENH	EUR											
Certificate	NL0013185010	JDCOM 21.2TS OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013183759	JDCOM 21.8TS OPENH	EUR	2,0200	2,0200	1,9000				1,9000				
Certificate	NL0013183742	JDCOM 22.2TS OPENH	EUR	2,4000	2,4000	2,2700				2,2700				
Certificate	NL0013183734	JDCOM 22.8TS OPENH	EUR	2,9700	2,9700	2,8300				2,8300				
Certificate	NL0013132947	JDCOM 23.2TS OPENH	EUR											
Certificate	NL0013132939	JDCOM 23.8TS OPENH	EUR											
Certificate	NL0013131949	JDCOM 24.4TS OPENH	EUR											
Certificate	NL0013180953	JDCOM 24.6TS OPENH	EUR	4,6600	4,6600	4,5200			4,5200					
Certificate	NL0013130958	JDCOM 24.8TS OPENH	EUR											
Certificate	NL0013182363	JDCOM 25.2TS OPENH	EUR	5,2300	5,2300	5,0800				5,0800				
Certificate	NL0013131261	JDCOM 25.2TS OPENH	EUR											
Certificate	DE000CJ3QG03	JDCOM12.94TL OPENZ	EUR	0,7650	0,7750	0,7650				0,7750				
Certificate	DE000CJ3P8J5	JDCOM14.94TL OPENZ	EUR	0,5950	0,6050	0,5950				0,6050				
Certificate	NL0013155997	JDCOM15.248L OPENB	EUR	5,9500	5,9500	5,9500				5,9500				
Certificate	NL0013155260	JDCOM16.748L OPENB	EUR	4,6300	4,6300	4,6300				4,6300				
Certificate	DE000CJ3N1Q7	JDCOM16.94TL OPENZ	EUR	0,4250	0,4600	0,4200	61399,8000	5		0,4350	136190			
Certificate	NL0013016439	JDCOM18.248L OPENB	EUR	3,3000	3,3000	3,3000				3,3000				
Certificate	DE000CJ3NV87	JDCOM18.88TL OPENZ	EUR	0,2650	0,2750	0,2650				0,2750				
Certificate	NL0013158041	JDCOM19.748L OPENB	EUR	1,9800	1,9800	1,9800				1,9800				
Certificate	NL0013125693	JDCOM19.82TL OPENH	EUR											
Certificate	NL0013125685	JDCOM20.62TL OPENH	EUR											
Certificate	NL0013079197	JDCOM21.08TL OPENH	EUR											
Certificate	NL0013155476	JDCOM22.048S OPENB	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013152275	JDCOM24.558S OPENB	EUR	4,0000	4,0000	3,8900	240,0000	1	3,8900	60				
Certificate	NL0012907638	JDCOM25.77TS OPENH	EUR											
Certificate	NL0012907620	JDCOM26.17TS OPENH	EUR											
Certificate	NL0012993877	JDCOM26.298L OPENB	EUR											
Certificate	NL0012907612	JDCOM26.37TS OPENH	EUR											
Certificate	DE000CV8A583	JDCOM26.54TL OPENZ	EUR											
Certificate	NL0012907604	JDCOM26.97TS OPENH	EUR											
Certificate	NL0013002215	JDCOM27.058S OPENB	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012907596	JDCOM27.57TS OPENH	EUR											
Certificate	NL0012995609	JDCOM29.568S OPENB	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0012907588	JDCOM29.97TS OPENH	EUR											
Certificate	DE000CR9P2L9	JOHNS81.38TL OPENZ	EUR	5,5100	5,6600	5,5100				5,6600				
Certificate	DE000CR6XPK9	JOHNS82.37TL OPENZ	EUR	5,6200	5,7700	5,6200				5,7700				
Certificate	JE00B297KF09	JPINTDE 200625	EUR	134,7700	134,7700	134,7700				134,7700				
Certificate	NL0013156516	K S 4.7TL OPENB	EUR	11,4400	11,4400	11,4400				11,4400				
Certificate	NL0013018690	K S 8.7TL OPENB	EUR	7,8900	7,8900	7,8900				7,8900				
Certificate	NL0011647912	K S 12.6TL OPENB	EUR	4,3200	4,3200	4,3200				4,3200				
Certificate	NL0013014103	K S 14.1TL OPENB	EUR	2,9700	2,9700	2,9700				2,9700				
Certificate	NL0013154941	K S 16.8TS OPENB	EUR	3,1000	3,1000	3,1000				3,1000				
Certificate	NL0012990212	K S 20.2TS OPENB	EUR	6,9000	6,9000	6,9000				6,9000				
Certificate	NL0012793525	K S 24.4TS OPENB	EUR	12,1100	12,1100	11,4600				11,4600				
Certificate	DE000CJ3PAE0	K S 10.69TL OPENZ	EUR	4,4400	5,1700	4,4400				5,1700				
Certificate	DE000CJ3PHV9	K S 12.71TL OPENZ	EUR	2,4400	3,1750	2,4400				3,1750				
Certificate	DE000CN6JP34	K S 14.21TL OPENZ	EUR	0,9600	1,6850	0,9600				1,6850				
Certificate	DE000CE6BQV8	KBC LEVOPENZ	EUR	57,4050	57,4050	55,6550				55,6550				
Certificate	DE000CE6BQL9	KBC SHROPEMZ	EUR	6,7950	6,9700	6,7950				6,9700				
Certificate	NL0010046579	KBC 3TL OPENB	EUR	60,1900	60,1900	60,1900				60,1900				
Certificate	NL0010517561	KBC 27TL OPENB	EUR	37,8200	37,8200	37,8200				37,8200				
Certificate	NL0011970520	KBC 44TL OPENH	EUR	2,5200	2,5200	2,5100				2,5100				
Certificate	DE000CX59GG3	KBC 45TL OPENC	EUR	2,4400	2,4400	2,4400				2,4400				
Certificate	NL0011978952	KBC 45TL OPENH	EUR	2,4300	2,4300	2,4200				2,4200				
Certificate	NL0011978945	KBC 46TL OPENH	EUR	2,3400	2,3400	2,3300				2,3300				
Certificate	NL0011990361	KBC 47TL OPENH	EUR	2,2600	2,2600	2,2400				2,2400				
Certificate	DE000CX59A74	KBC 50TL OPENC	EUR	2,2200	2,2200	2,2200				2,2200				
Certificate	DE000CX59GH1	KBC 50TL OPENC	EUR	1,9300	1,9300	1,9300				1,9300				
Certificate	DE000CP062K9	KBC 55TL OPENC	EUR	1,3500	1,3500	1,3500				1,3500				
Certificate	DE000CX59KS0	KBC 55TL OPENC	EUR	1,3300	1,3300	1,3300				1,3300				
Certificate	DE000CP060N7	KBC 55TL OPENC	EUR	1,0300	1,0300	1,0300				1,0300				
Certificate	DE000CX59Q27	KBC 55TL OPENC	EUR	1,6600	1,6600	1,6600				1,6600				
Certificate	DE000CP234X7	KBC 60TL OPENC	EUR	0,8100	0,8100	0,8100				0,8100				
Certificate	DE000CY16WY1	KBC 60TL OPENC	EUR	0,7000	0,7000	0,7000				0,7000				
Certificate	DE000CY50305	KBC 60TL OPENC	EUR	1,0500	1,0500	1,0500				1,0500				
Certificate	DE000CQ5AWS2	KBC 65TL OPENC	EUR											
Certificate	DE000CQ5BZ67	KBC 65TS OPENC	EUR											
Certificate	DE000CP234Y5	KBC 65TS OPENC	EUR	0,6800	0,6800	0,6800				0,6800				
Certificate	DE000CP06WU8	KBC 68TS OPENC	EUR	0,5000	0,5000	0,5000				0,5000				
Certificate	NL0012796163	KBC 70BON1219Z	EUR	65,3100	65,3100	64,9600				64,9600				
Certificate	DE000CQ5BE96	KBC 70TS OPENC	EUR	0,6500	0,6500	0,6500				0,6500				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5BFG0	KBC 70TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012847131	KBC 74TS OPENH	EUR	2,3700	2,4000	2,3700			2,4000					
Certificate	DE000CQ5AKE7	KBC 75TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CQ5AD07	KBC 75TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CQ5A7V2	KBC 80TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CQ5AD15	KBC 80TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CQ5BV20	KBC 80TS OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CV52QZ5	KBC 85TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CV16WZ8	KBC 90TS OPENC	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CQ5APO0	KBC 90TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CV51GZ8	KBC 90TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012312995	KBC 95TS OPENH	EUR	4,8300	4,8600	4,8300			4,8600					
Certificate	NL0010280178	KBC 15.1TL OPENB	EUR	48,8800	48,8800	48,8800			48,8800					
Certificate	NL0010284618	KBC 18.4TL OPENB	EUR	45,8200	45,8200	45,8200			45,8200					
Certificate	NL0011042296	KBC 23.3TL OPENH	EUR	4,3200	4,3200	4,3000			4,3000					
Certificate	NL0011891346	KBC 30.4TL OPENH	EUR	3,7100	3,7100	3,6900			3,6900					
Certificate	NL0010903977	KBC 31.9TL OPENB	EUR	33,3300	33,3300	33,3300			33,3300					
Certificate	NL0010903985	KBC 34.6TL OPENB	EUR	30,8200	30,8200	30,8200			30,8200					
Certificate	DE000CZ7DPG0	KBC 36.7TL OPENZ	EUR	27,0500	27,0500	26,6850			26,6850					
Certificate	NL0011928981	KBC 38.8TL OPENH	EUR	2,9800	2,9800	2,9600			2,9600					
Certificate	NL0011933957	KBC 39.3TL OPENH	EUR	2,9300	2,9300	2,9100			2,9100					
Certificate	NL0011934724	KBC 41.4TL OPENH	EUR	2,7500	2,7500	2,7300			2,7300					
Certificate	NL0011935606	KBC 41.9TL OPENH	EUR	2,7000	2,7000	2,6900			2,6900					
Certificate	NL0011970538	KBC 42.9TL OPENH	EUR	2,6100	2,6100	2,6000			2,6000					
Certificate	NL0012021166	KBC 44.9TL OPENB	EUR	21,2100	21,2100	21,2100			21,2100					
Certificate	NL0011990924	KBC 48.2TL OPENH	EUR	2,1600	2,1600	2,1400			2,1400					
Certificate	NL0012894661	KBC 49.3TL OPENH	EUR	2,0600	2,0600	2,0400			2,0400					
Certificate	NL0011996996	KBC 50.2TL OPENH	EUR	1,9800	1,9800	1,9600			1,9600					
Certificate	NL0012196422	KBC 52.2TL OPENH	EUR	1,8100	1,8100	1,8000			1,8000					
Certificate	NL0012115133	KBC 52.7TL OPENB	EUR	13,9500	13,9500	13,9500			13,9500					
Certificate	NL0012365381	KBC 53.3TL OPENH	EUR	1,7100	1,7100	1,6900			1,6900					
Certificate	NL0011994058	KBC 54.2TL OPENH	EUR											
Certificate	NL0012199665	KBC 54.3TL OPENH	EUR	1,6200	1,6200	1,6100			1,6100					
Certificate	NL0012116750	KBC 55.2TL OPENB	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	NL0012214530	KBC 55.3TL OPENH	EUR	1,5400	1,5400	1,5200			1,5200					
Certificate	NL0011997317	KBC 56.2TL OPENH	EUR											
Certificate	NL0012214522	KBC 56.3TL OPENH	EUR	1,4500	1,4500	1,4300			1,4300					
Certificate	NL0012214514	KBC 57.3TL OPENH	EUR	1,3600	1,3600	1,3500			1,3500					
Certificate	NL0012260095	KBC 57.8TL OPENB	EUR	9,6700	9,6700	9,0900	4235,5000	2	9,2100	450				
Certificate	NL0012214506	KBC 58.4TL OPENH	EUR	1,2700	1,2700	1,2600			1,2600					
Certificate	NL0013158256	KBC 60.3TL OPENB	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0013185390	KBC 61.3TL OPENH	EUR	1,0100	1,0100	1,0000			1,0000					
Certificate	NL0013158058	KBC 61.4BL OPENB	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0013184724	KBC 63.3TS OPENC	EUR											
Certificate	NL0013085400	KBC 65.2TS OPENC	EUR	1,3300	1,3600	1,3300			1,3600					
Certificate	NL0013011885	KBC 65.5TS OPENB	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0012909626	KBC 68.2TS OPENC	EUR	1,6900	1,7200	1,6900			1,7200					
Certificate	NL0012793533	KBC 70.5TS OPENB	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	NL0012594980	KBC 71.9TS OPENC	EUR	2,1200	2,1500	2,1200			2,1500					
Certificate	NL0012555940	KBC 75.3TS OPENC	EUR	2,5200	2,5500	2,5200			2,5500					
Certificate	NL0012555932	KBC 77.3TS OPENC	EUR	2,7500	2,7800	2,7500			2,7800					
Certificate	NL0011994009	KBC 80.1TS OPENC	EUR	3,0800	3,1100	3,0800			3,1100					
Certificate	NL0012676084	KBC 80.5TS OPENB	EUR	24,0800	24,0800	24,0800			24,0800					
Certificate	NL0012313001	KBC 89.2TS OPENC	EUR	4,1500	4,1800	4,1500			4,1800					
Certificate	NL0012312987	KBC 100.8TS OPENC	EUR	5,5100	5,5400	5,5100			5,5400					
Certificate	NL0012520449	KBC 107.5TS OPENC	EUR	6,3100	6,3400	6,3100			6,3400					
Certificate	NL0012557862	KBC 114.5TS OPENC	EUR	7,1300	7,1600	7,1300			7,1600					
Certificate	DE000CK6UX27	KBC 13.02TL OPENZ	EUR	51,1800	51,1800	50,8150			50,8150					
Certificate	DE000CZ79T69	KBC 27.93TL OPENZ	EUR	35,8100	35,8100	35,4450			35,4450					
Certificate	NL0011909072	KBC 40.59BL OPENB	EUR	22,9700	22,9700	22,9700			22,9700					
Certificate	DE000CV89BW2	KBC 42.27TL OPENZ	EUR	2,1500	2,1500	2,1100			2,1100					
Certificate	NL0011916838	KBC 43.25BL OPENB	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000CD62ML7	KBC 43.72TL OPENZ	EUR	21,6600	21,6600	21,2950			21,2950					
Certificate	DE000CD62ME2	KBC 46.35TL OPENZ	EUR	17,4000	17,4000	17,0300			17,0300					
Certificate	NL0012024095	KBC 48.54BL OPENB	EUR	15,0200	15,0200	15,0200			15,0200					
Certificate	DE000CD63AN6	KBC 49.33TL OPENZ	EUR	14,4200	14,4200	14,0550			14,0550					
Certificate	NL0012029680	KBC 51.18BL OPENB	EUR	12,0000	12,3800	12,0000	1200,0000	1	12,3800	100				
Certificate	DE000CD63Y66	KBC 51.96TL OPENZ	EUR	13,7400	13,7400	13,3750			13,3750					
Certificate	DE000CD63PQ7	KBC 52.31TL OPENZ	EUR	11,4600	11,4600	11,1000			11,1000					
Certificate	NL0012037030	KBC 53.81BL OPENB	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000CE6BTQ2	KBC 55.29TL OPENZ	EUR	0,8500	0,8500	0,8100			0,8100					
Certificate	NL0012116008	KBC 56.42BL OPENB	EUR	7,1400	7,1400	7,1400			7,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CF6GDS	KBC 58.26TL OPENZ	EUR	0,5500	0,5500	0,5200			0,5200					
Certificate	NL0013153927	KBC 58.91BL OPENB	EUR	4,6500	4,6500	4,6500	581,2500	1	4,6500	125				
Certificate	DE000CJ3QLT3	KBC 61.25TL OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012793905	KBC 67.52BS OPENB	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CV898M4	KBC 68.99TS OPENZ	EUR	0,5600	0,5900	0,5600			0,5900					
Certificate	NL0012771174	KBC 72.43BS OPENB	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CV883R5	KBC 72.98TS OPENZ	EUR	0,9500	0,9900	0,9500			0,9900					
Certificate	DE000CE6E5Z8	KBC 76.93TS OPENZ	EUR	1,3500	1,3800	1,3500			1,3800					
Certificate	DE000CV885A6	KBC 80.93TS OPENZ	EUR	1,7500	1,7800	1,7500			1,7800					
Certificate	NL0012700090	KBC 82.14BS OPENB	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	DE000CV4ZMK3	KBC 84.92TS OPENZ	EUR	2,1400	2,1800	2,1400			2,1800					
Certificate	DE000CD62ZA2	KBCA 28.5TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	NL0012993018	KBCA 46.1BS OPENB	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CD62Z82	KBCA 23.55TL OPENZ	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000CD62Z90	KBCA 26.02TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CD63Z57	KBCA 33.14TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013152994	KBCA 33.26BL OPENB	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0013014798	KBCA 35.25BL OPENB	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CD64C53	KBCA 36.22TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012996599	KBCA 37.25BL OPENB	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CJ3QCW6	KBCA 38.72TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL0013153919	KBCA 39.25BL OPENB	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	DE000CJ3QBS6	KBCA 42.71TS OPENZ	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0013015001	KBCA 43.11BS OPENB	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CV89R89	KBCA 47.21TS OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV4ZZL3	KBCA 52.03TS OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CV4Z5G9	KBCA 57.77TS OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000VL51Z58	KCI LEVOPENV	EUR											
Certificate	NL0013005945	KER 446TS OPENB	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	NL0012026207	KER 173.5TL OPENB	EUR	24,4000	24,4000	24,4000			24,4000					
Certificate	NL0012261069	KER 239.5TL OPENB	EUR	17,7800	17,7800	17,7800			17,7800					
Certificate	NL0012261077	KER 249.1TL OPENB	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0012265763	KER 258.5TL OPENB	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	NL0012272058	KER 267.6TL OPENB	EUR	14,9700	14,9700	14,9700			14,9700					
Certificate	DE000CJ3N2X1	KER 270.3TL OPENZ	EUR	2,4300	2,4400	2,4300			2,4400					
Certificate	NL0012493597	KER 286.2TL OPENB	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0012500508	KER 314.3TL OPENB	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	DE000CV4YZ04	KER 315.7TL OPENZ	EUR	1,5200	1,5300	1,5200			1,5300					
Certificate	NL0012502991	KER 323.6TL OPENB	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	NL0012503007	KER 333.1TL OPENB	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012779102	KER 351.5TL OPENB	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CJ3PLH0	KER 355.6TL OPENZ	EUR	0,7400	0,7500	0,7400			0,7500					
Certificate	NL0013015902	KER 361.4TL OPENB	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0013157464	KER 376.4TL OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013152002	KER 416.9TS OPENB	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0013004955	KER 465.8TS OPENB	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0012985493	KER 485.2TS OPENB	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	DE000CV8AYG0	KGF 1.816TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CJ3QJ00	KGF 2.161TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CD64FX2	KGF 2.316TL OPENZ	EUR											
Certificate	NL0013018377	KIN 45.3BL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0013155484	KIN 52.5BS OPENB	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0012993034	KIN 57.5BS OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CJ3PM14	KIN 27.11TL OPENZ	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000CJ3NOE5	KIN 30.66TL OPENZ	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000CE6D6E2	KIN 34.61TL OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CE6D4V1	KIN 38.43TL OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0013004393	KIN 42.29BL OPENB	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CE6D3A7	KIN 42.74TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CJ3PWC8	KIN 46.24TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0013156987	KIN 48.29BL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012993042	KIN 62.46BS OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012031355	KLPIR 25.3TL OPENB	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0011818661	KLPIR 27.9TL OPENB	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0011092424	KLPIR 38.3TS OPENB	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	DE000CV8B979	KLPIR19.89TL OPENZ	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0013010572	KLPIR24.52BL OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CE6E8X7	KLPIR24.91TL OPENZ	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012994743	KLPIR26.03BL OPENB	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012979686	KLPIR27.54BL OPENB	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CN6H8K2	KLPIR28.41TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0013155492	KLPIR30.26BS OPENB	EUR	0,1150	0,1150	0,1150			0,1150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012977839	KLPIR33.288S OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012977847	KLPIR36.248S OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CJ3QCA2	KNIN 86.5TL OPENZ	EUR	5,1700	5,2700	5,1700				5,2700				
Certificate	DE000CV89VP4	KNIN 101.5TL OPENZ	EUR	3,8950	3,9850	3,8950				3,9850				
Certificate	DE000CV508U2	KNIN 122.2TL OPENZ	EUR	2,1150	2,2150	2,1150				2,2150				
Certificate	NL0013110455	KPN LEVOPENZ	EUR	55,1800	62,1800	55,1800				62,1800				
Certificate	XS1408340252	KPN 5TN0519B	EUR	87,1000	87,1000	86,7000				86,7000				
Certificate	DE000CP06644	KPN 2TL OPENC	EUR	0,9000	0,9000	0,9000				0,9000				
Certificate	DE000CQ58202	KPN 2TL OPENC	EUR	0,9300	0,9300	0,9300				0,9300				
Certificate	DE000CQ580D4	KPN 2TL OPENC	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	DE000CY52BP8	KPN 3TL OPENC	EUR											
Certificate	DE000CY52A13	KPN 3TL OPENC	EUR											
Certificate	DE000CQ582T6	KPN 3TS OPENC	EUR	0,8500	0,8500	0,8500				0,8500				
Certificate	DE000CQ580G7	KPN 3TS OPENC	EUR	0,4300	0,4300	0,4300				0,4300				
Certificate	NL0010154480	KPN 4TL OPENA	EUR											
Certificate	NL0010380127	KPN 0.6TL OPENB	EUR	2,0550	2,0550	2,0550				2,0550				
Certificate	NL00104039741	KPN 0.7TL OPENB	EUR	1,9450	1,9450	1,9450				1,9450				
Certificate	NL0010446142	KPN 1.1TL OPENB	EUR	1,5850	1,5850	1,5850				1,5850				
Certificate	DE000CP06W70	KPN 1.5TL OPENC	EUR	1,1300	1,1300	1,1300				1,1300				
Certificate	DE000CP065H8	KPN 1.7TL OPENC	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	DE000CP06628	KPN 1.7TL OPENC	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	NL0011044581	KPN 1.7TL OPENH	EUR	1,1000	1,1000	1,1000				1,1000				
Certificate	DE000CP065J4	KPN 1.8TL OPENC	EUR	0,8200	0,8200	0,8200				0,8200				
Certificate	DE000CP06636	KPN 1.8TL OPENC	EUR	1,0700	1,0700	1,0700				1,0700				
Certificate	NL0011044573	KPN 1.8TL OPENH	EUR	1,0000	1,0000	1,0000				1,0000				
Certificate	DE000CP065K2	KPN 1.9TL OPENC	EUR	0,7200	0,7200	0,7200				0,7200				
Certificate	DE000CP06651	KPN 2.1TL OPENC	EUR	0,8200	0,8200	0,8200				0,8200				
Certificate	DE000CP065L0	KPN 2.1TL OPENC	EUR	0,5200	0,5200	0,5200				0,5200				
Certificate	DE000CJ3PE48	KPN 2.2TL 1218Z	EUR	0,3250	0,3850	0,3250				0,3850				
Certificate	NL0013003254	KPN 2.5BOC0919B	EUR	2,4000	2,4000	2,4000				2,4000				
Certificate	DE000CQ58T99	KPN 2.5TS OPENC	EUR											
Certificate	DE000CP065P1	KPN 2.6TS OPENC	EUR	0,0800	0,0800	0,0800				0,0800				
Certificate	DE000CP06685	KPN 2.6TS OPENC	EUR											
Certificate	DE000CP065Q9	KPN 2.7TS OPENC	EUR	0,1800	0,1800	0,1800				0,1800				
Certificate	NL0012648794	KPN 2.8BON0619Z	EUR	2,7200	2,7650	2,7200				2,7650				
Certificate	NL0012649073	KPN 2.9BOC0619Z	EUR	2,8050	2,8250	2,8050				2,8250				
Certificate	NL0012649065	KPN 2.9BOC1218Z	EUR	2,8850	2,8950	2,8850				2,8950				
Certificate	NL0012236236	KPN 3.1BON1218Z	EUR	2,5100	2,5800	2,5100				2,5800				
Certificate	NL0012649081	KPN 3.3BOC0619Z	EUR	2,9200	3,0050	2,9200				3,0050				
Certificate	NL0012648414	KPN 3.3BOC1218Z	EUR	2,5100	2,5800	2,5100				2,5800				
Certificate	NL0012648422	KPN 3.4BOC0619Z	EUR	2,9800	3,0650	2,9800				3,0650				
Certificate	NL0012236285	KPN 3.4BOC1218Z	EUR	2,5100	2,5800	2,5100				2,5800				
Certificate	NL0010248548	KPN 4.2TS OPENB	EUR	2,0350	2,0350	2,0350				2,0350				
Certificate	NL0009809987	KPN 7.1TS OPENB	EUR	5,1750	5,1750	5,1750				5,1750				
Certificate	NL0010887550	KPN 1.27TL OPENB	EUR	1,3750	1,3750	1,3750				1,3750				
Certificate	NL0011044607	KPN 1.32TL OPENH	EUR	1,4900	1,4900	1,4900				1,4900				
Certificate	DE000CV89BX0	KPN 1.49TL OPENZ	EUR	1,0150	1,0850	1,0150				1,0850				
Certificate	NL0010893657	KPN 1.59TL OPENB	EUR	1,0800	1,0850	1,0750	442,8000	1	1,0850	410				
Certificate	NL0012684468	KPN 1.748L OPENB	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	DE000CV882B1	KPN 1.75TL OPENZ	EUR	0,8250	0,8950	0,8250				0,8950				
Certificate	NL0010923660	KPN 1.84TL OPENB	EUR	0,8450	0,8450	0,8450				0,8450				
Certificate	DE000CV8ABK0	KPN 1.85TL 1218Z	EUR	0,6750	0,7350	0,6750				0,7350				
Certificate	NL0011044565	KPN 1.89TL OPENH	EUR	0,9000	0,9000	0,9000	135,0000	1	0,9000	150				
Certificate	DE000CJ3P3V1	KPN 1.93TL 0319Z	EUR	0,5950	0,6550	0,5950				0,6550				
Certificate	DE000CV881Q1	KPN 1.96TL OPENZ	EUR	0,6250	0,6950	0,6250				0,6950				
Certificate	DE000CV50947	KPN 1.97TL OPENZ	EUR	0,5450	0,6050	0,5450	590,0000	1	0,6050	1000				
Certificate	DE000CJ3P3W9	KPN 1.98TL 0319Z	EUR	0,5450	0,6050	0,5450				0,6050				
Certificate	NL0011044557	KPN 1.99TL OPENH	EUR	0,7800	0,8100	0,7800	314,0000	3	0,8100	400				
Certificate	LU1817100552	KPN 2.04TCIOPENS	EUR	0,5600	0,5600	0,5500				0,5500				
Certificate	DE000CV88CJ8	KPN 2.05TL 1218Z	EUR	0,4750	0,5350	0,4750				0,5350				
Certificate	NL0012893267	KPN 2.06TL OPENH	EUR	0,6600	0,6600	0,6600				0,6600				
Certificate	NL0010931887	KPN 2.12TL OPENB	EUR	0,5800	0,5850	0,5650	10869,5000	4	0,5850	18850				
Certificate	DE000CJ3P3X7	KPN 2.13TL 0319Z	EUR	0,3950	0,4550	0,3950				0,4550				
Certificate	DE000CV88CT7	KPN 2.17TL OPENZ	EUR	0,4250	0,4850	0,4250				0,4850				
Certificate	LU1859832427	KPN 2.19TCIOPENS	EUR	0,4100	0,4100	0,4000				0,4000				
Certificate	DE000CP234W9	KPN 2.25TL OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CQ58Z59	KPN 2.25TL OPENC	EUR	0,3100	0,3300	0,3000	7552,5000	9	0,3300	23750				
Certificate	NL0013158066	KPN 2.358L OPENB	EUR	0,2650	0,2650	0,2650				0,2650				
Certificate	NL0013158264	KPN 2.37TL OPENB	EUR	0,3450	0,3450	0,3450				0,3450				
Certificate	DE000CJ3QLU1	KPN 2.37TL OPENZ	EUR	0,2050	0,2050	0,2050				0,2050				
Certificate	DE000VA90XF3	KPN 2.43TL OPENV	EUR	0,1500	0,1500	0,1500				0,1500				
Certificate	NL0012864755	KPN 2.53TS OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV50SQ6	KPN 2.57TS OPENZ	EUR	0,0790	0,0790	0,0790			0,0790					
Certificate	NL0012936264	KPN 2.63TS OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012864748	KPN 2.73TS OPENH	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0012976641	KPN 2.75BOC0619B	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CP06ZY3	KPN 2.75TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0011051180	KPN 2.94TS OPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012369805	KPN 3.13TS OPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012494603	KPN 3.25BOC1218B	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CN6KQ63	KPN 3.41TS OPENZ	EUR	0,9150	0,9150	0,8450	690,0000	2	0,8450	800				
Certificate	NL0012993729	KPN 1.4398L OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0012775076	KPN 1.5898L OPENB	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CZ7D080	KPN 1.697TL OPENZ	EUR	0,8150	0,8750	0,8150	0,8600	1	0,8750	1				
Certificate	DE000CZ7E039	KPN 1.777TL OPENZ	EUR	0,7350	0,7950	0,7350			0,7950					
Certificate	DE000CX59KQ4	KPN 1.862TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	LU1719605922	KPN 1.873TCIOPENS	EUR	0,7500	0,7500	0,7400			0,7400					
Certificate	DE000CR4GYN8	KPN 1.876TL OPENZ	EUR	0,6350	0,6950	0,6350			0,6950					
Certificate	NL0012016182	KPN 1.8938L OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000VASRRB7	KPN 1.921TL OPENV	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VASRRC5	KPN 2.021TL OPENV	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0011443270	KPN 2.051BL OPENB	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000CR4H359	KPN 2.072TL OPENZ	EUR	0,4450	0,5050	0,4450			0,5050					
Certificate	DE000VASRRD3	KPN 2.121TL OPENV	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CV8BC20	KPN 2.175TL OPENZ	EUR	0,3350	0,4050	0,3350	8715,0000	5	0,4050	23000				
Certificate	NL0012998918	KPN 2.2038L OPENB	EUR	0,4000	0,4050	0,4000	2000,0000	1	0,4050	5000				
Certificate	DE000VAGED06	KPN 2.223TL OPENV	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CJ3PV56	KPN 2.274TL OPENZ	EUR	0,2450	0,3050	0,2450	1937,0000	7	0,3050	6900				
Certificate	DE000VA9CTM4	KPN 2.328TL OPENV	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000VA90UQ6	KPN 2.413TS OPENV	EUR											
Certificate	DE000VASRRA9	KPN 2.527TS OPENV	EUR											
Certificate	DE000VAGED22	KPN 2.624TS OPENV	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0012682991	KPN 2.664TS OPENB	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	LU1719345917	KPN 2.685TPIOPENS	EUR	0,1000	0,1100	0,1000			0,1100					
Certificate	NL0012681936	KPN 2.704BS OPENB	EUR	0,2100	0,2300	0,2100	1280,0000	2	0,2150	6000				
Certificate	DE000VA71W68	KPN 2.719TS OPENV	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000VA9CTL6	KPN 2.816TS OPENV	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CV4ZZF5	KPN 2.817TS OPENZ	EUR	0,3250	0,3250	0,2550			0,2550					
Certificate	NL0012693766	KPN 2.905TS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0011443346	KPN 2.995BS OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	LU1612244134	KPN 2.998TPIOPENS	EUR	0,4000	0,4200	0,4000	2300,0000	2	0,4100	5500				
Certificate	DE000CR9PEN0	KPN 3.065TS OPENZ	EUR	0,5650	0,5650	0,5050			0,5050					
Certificate	LU1612320686	KPN 3.186TPIOPENS	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012269484	KPN 3.547BS OPENB	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0013015910	KVW 11.2TL OPENB	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	NL0013009715	KVW 13.1TL OPENB	EUR	3,0700	3,0700	2,8350	3041,0000	4	2,8350	1000				
Certificate	NL0013153828	KVW 15.8TS OPENB	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0013010184	KVW 17.8TS OPENB	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	NL0012980031	KVW 19.8TS OPENB	EUR	6,4750	6,4750	6,4750			6,4750					
Certificate	NL0012978753	KVW 21.8TS OPENB	EUR	8,6150	8,6150	8,6150			8,6150					
Certificate	DE000CV8AZR4	KVW 10.57TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CV89SU0	KVW 11.67TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CV89SV8	KVW 12.75TL OPENZ	EUR	0,6500	0,6550	0,6500	325,0000	1	0,6550	500				
Certificate	DE000CV89SW6	KVW 13.83TL OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CJ3QD63	KVW 14.83TL OPENZ	EUR	0,3200	0,3200	0,2750	240,0000	1	0,2750	750				
Certificate	DE000CJ3N8Y6	KVW 9.582TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012057616	LANXE 82.9TS OPENH	EUR	3,9500	3,9900	3,9500			3,9900					
Certificate	DE000CJ3PAH3	LANXE 37.55TL OPENZ	EUR	1,2200	1,2200	1,1800			1,1800					
Certificate	NL0011927900	LANXE 38.78TL OPENH	EUR	1,3200	1,3200	1,3000			1,3000					
Certificate	DE000CD62MF9	LANXE 45.59TL OPENZ	EUR	0,4300	0,4300	0,3900			0,3900					
Certificate	NL0011976055	LANXE 47.01TL OPENH	EUR	0,5500	0,5500	0,5300			0,5300					
Certificate	NL0013186117	LANXE 51.01TS OPENH	EUR	0,5400	0,5800	0,5400			0,5800					
Certificate	NL0013183791	LANXE 54.01TS OPENH	EUR	0,8600	0,9000	0,8600			0,9000					
Certificate	NL0013079353	LANXE 63.96TS OPENH	EUR	1,9200	1,9600	1,9200			1,9600					
Certificate	NL0012897979	LANXE 67.39TS OPENH	EUR	2,2900	2,3300	2,2900			2,3300					
Certificate	NL0012894281	LANXE 70.34TS OPENH	EUR	2,6000	2,6400	2,6000			2,6400					
Certificate	NL0012559843	LANXE 72.17TS OPENH	EUR	2,8000	2,8400	2,8000			2,8400					
Certificate	NL0012581045	LANXE 72.38TS OPENH	EUR	2,8200	2,8600	2,8200			2,8600					
Certificate	NL0012915631	LANXE 78.09TS OPENH	EUR	3,4300	3,4800	3,4300			3,4800					
Certificate	NL0012581557	LANXE 78.28TS OPENH	EUR	3,4500	3,5000	3,4500			3,5000					
Certificate	NL0012557920	LANXE 80.01TS OPENH	EUR	3,6400	3,6800	3,6400			3,6800					
Certificate	FR0013123726	LDAX1 LEVOPENS	EUR											
Certificate	DE000CJ3P9F1	LEGRD 35.48TL OPENZ	EUR	1,8900	1,9200	1,8900			1,9200					
Certificate	DE000CV89NE5	LEGRD 41.52TL OPENZ	EUR	1,2800	1,3100	1,2800			1,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4YXL1	LEGRD51.52TL OPENZ	EUR	0,2900	0,3200	0,2900			0,3200					
Certificate	DE000CV87TW8	LHN 31.4TL OPENZ	EUR	0,9500	0,9500	0,8900			0,8900					
Certificate	DE000CV8BC46	LHN 26.36TL OPENZ	EUR	1,4500	1,4500	1,3900			1,3900					
Certificate	DE000CJ3PPR0	LHN 35.38TL OPENZ	EUR	0,5500	0,5500	0,4900			0,4900					
Certificate	DE000CJ3PFH2	LHNS 31.35TL OPENZ	EUR	2,7850	2,7850	2,6700			2,6700					
Certificate	DE000CV8AV69	LHNS 36.33TL OPENZ	EUR	1,9250	1,9250	1,8100			1,8100					
Certificate	DE000CJ3PRP0	LHNS 41.83TL OPENZ	EUR	0,9850	0,9850	0,8600			0,8600					
Certificate	DE000CP06WV6	LIGHT 14TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CP06GZ0	LIGHT 16TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CP06WW4	LIGHT 16TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP069H0	LIGHT 18TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	LU1859904861	LIGHT 19TCIOPENS	EUR	4,7400	4,7400	4,2400			4,2400					
Certificate	DE000CP234Z2	LIGHT 20TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CQ58Z75	LIGHT 20TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP23508	LIGHT 22TL OPENC	EUR											
Certificate	DE000CQ5ASY8	LIGHT 23TL OPENC	EUR											
Certificate	LU1876938371	LIGHT 25TCIOPENS	EUR	2,2300	2,7100	2,2300			2,7100					
Certificate	DE000CP06NX1	LIGHT 25TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP06PL1	LIGHT 25TS OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP069J6	LIGHT 26TS OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP06941	LIGHT 26TS OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CQ58KX5	LIGHT 18.TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3NZ94	LIGHT 13.2TL OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CQ582W0	LIGHT 27.9TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0012785547	LIGHT 28.6BS OPENB	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CV89NH8	LIGHT 28.7TS OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CQ582X8	LIGHT 29.9TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV88KN4	LIGHT16.23TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CD611L5	LIGHT16.46TL OPENZ	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0012025951	LIGHT16.75TL OPENB	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	LU1841120865	LIGHT17.37TCIOPENS	EUR	6,2400	6,2400	5,7400			5,7400					
Certificate	DE000CJ3NOA3	LIGHT17.72TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0013018716	LIGHT17.81TL OPENB	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0013005101	LIGHT18.16BL OPENB	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CD611K7	LIGHT18.56TL OPENZ	EUR	5,4250	5,4250	5,4250			5,4250					
Certificate	NL0012026231	LIGHT18.81TL OPENB	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0013018799	LIGHT19.16BL OPENB	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CJ3PQ10	LIGHT19.23TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013019151	LIGHT19.81TL OPENB	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0013018807	LIGHT20.16BL OPENB	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	LU1859907450	LIGHT20.17TCIOPENS	EUR	3,5900	3,5900	3,1000			3,1000					
Certificate	DE000CJ3PVW8	LIGHT20.71TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0013146012	LIGHT20.81TL OPENB	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	LU1859912708	LIGHT21.09TCIOPENS	EUR	2,6900	2,6900	2,2000			2,2000					
Certificate	NL0013146533	LIGHT21.16BL OPENB	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013154230	LIGHT21.81TL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CQ5AV05	LIGHT22.98TL OPENC	EUR											
Certificate	NL0013152036	LIGHT23.33TS OPENB	EUR											
Certificate	DE000CJ3N0B1	LIGHT23.71TS OPENZ	EUR											
Certificate	LU1841120352	LIGHT23.88TCIOPENS	EUR											
Certificate	NL0013002231	LIGHT24.65BS OPENB	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0013002579	LIGHT25.29TS OPENB	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012785539	LIGHT26.64BS OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CV88KP9	LIGHT26.69TS OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	LU1859913342	LIGHT26.89TCIOPENS	EUR	4,0200	4,5000	4,0200			4,5000					
Certificate	DE000CQ5AWT0	LIGHT28.67TS OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CQ580K9	LIGHT29.94TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CV4YYX4	LIGHT31.67TS OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012690796	LIGHT35.13TS OPENB	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	DE000CJ3NP39	LIND1122.8TL OPENZ	EUR	2,0500	2,0850	2,0500			2,0850					
Certificate	DE000CE6DD58	LINDE103.3TL OPENZ	EUR	5,0200	5,0500	5,0200			5,0500					
Certificate	NL0011935630	LINDE125.2TL OPENH	EUR	2,7700	2,8600	2,7700			2,8600					
Certificate	DE000CN6GLP9	LINDE68.27TL OPENZ	EUR	10,4100	10,4550	10,4100			10,4550					
Certificate	DE000CN6K2H6	LINDE76.85TL OPENZ	EUR	9,0900	9,1350	9,0900			9,1350					
Certificate	DE000CD62LA2	LINDE86.56TL OPENZ	EUR	7,6000	7,6350	7,6000			7,6350					
Certificate	DE000CV87RQ4	LISP 4110TL OPENZ	EUR	2,4800	2,4800	2,4550			2,4550					
Certificate	DE000CE6CBE4	LISP 4616TL OPENZ	EUR	2,0300	2,0300	2,0050			2,0050					
Certificate	DE000CE6E3M1	LISP 5211TL OPENZ	EUR	1,5000	1,5000	1,4850			1,4850					
Certificate	DE000CV88CY8	LISP 5705TL OPENZ	EUR	1,0700	1,0700	1,0450			1,0450					
Certificate	DE000CV89XL9	LISP 6199TL OPENZ	EUR	0,6300	0,6300	0,6150			0,6150					
Certificate	DE000CN6J8W5	LLOYD 0.44TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CJ3NX21	LLOYD0.383TL OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD625P6	LLOYD0.488TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CD63Q25	LLOYD0.538TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CR9SBA7	LMRTN210.1TL OPENZ	EUR	1,9100	1,9700	1,9100				1,9700				
Certificate	DE000CN6KY97	LMRTN230.8TL OPENZ	EUR	1,4500	1,5200	1,4500				1,5200				
Certificate	DE000CJ3QC31	LOGIT23.01TL OPENZ	EUR	2,0450	2,0600	2,0450				2,0600				
Certificate	DE000CJ3N4Q1	LOGIT27.01TL OPENZ	EUR	1,3650	1,3900	1,3650				1,3900				
Certificate	DE000CJ3NU57	LOGIT31.53TL OPENZ	EUR	0,6050	0,6300	0,6050				0,6300				
Certificate	NL0012556179	LOREA 265.TS OPENH	EUR	7,7400	7,7600	7,7400				7,7600				
Certificate	NL0011418157	LOREA106.2TL OPENH	EUR	10,9800	11,0600	10,9800				11,0600				
Certificate	NL0011418140	LOREA116.7TL OPENH	EUR	10,0000	10,0800	10,0000				10,0800				
Certificate	NL0011418132	LOREA127.2TL OPENH	EUR	9,0300	9,1000	9,0300				9,1000				
Certificate	NL0010913471	LOREA127.5TL OPENB	EUR	8,8750	8,8750	8,8750				8,8750				
Certificate	DE000CR9QDV3	LOREA129.6TL OPENZ	EUR	7,9650	7,9850	7,9650				7,9850				
Certificate	NL0011418124	LOREA137.7TL OPENH	EUR	8,0500	8,1200	8,0500				8,1200				
Certificate	DE000CR6YD8	LOREA145.5TL OPENZ	EUR	3,1900	3,1950	3,1900				3,1950				
Certificate	NL0011800321	LOREA148.2TL OPENB	EUR	7,0650	7,0650	6,9550				6,9550				
Certificate	NL0011732300	LOREA154.9TL OPENH	EUR	6,4400	6,5200	6,4400				6,5200				
Certificate	NL0012179030	LOREA168.4TL OPENH	EUR	5,1900	5,2600	5,1900				5,2600				
Certificate	DE000CJ3NP47	LOREA175.5TL OPENZ	EUR	3,3950	3,4050	3,3950				3,4050				
Certificate	NL0012779847	LOREA178.5TL OPENB	EUR	4,1350	4,1350	4,1350				4,1350				
Certificate	NL0012610232	LOREA178.5TL OPENH	EUR	4,2500	4,3300	4,2500				4,3300				
Certificate	NL0013145949	LOREA188.4TL OPENB	EUR	3,2150	3,2150	3,2150				3,2150				
Certificate	NL0013128515	LOREA194.6TL OPENH	EUR	2,7500	2,8200	2,7500				2,8200				
Certificate	NL0013150220	LOREA198.3TL OPENB	EUR	2,2950	2,2950	2,2950				2,2950				
Certificate	NL0011418058	LOREA214.2TS OPENH	EUR	2,2700	2,2800	2,2700				2,2800				
Certificate	NL0012786099	LOREA219.6TS OPENB	EUR	2,9950	2,9950	2,9950				2,9950				
Certificate	NL0012611693	LOREA224.1TS OPENH	EUR	3,3400	3,3500	3,3400				3,3500				
Certificate	NL0012792527	LOREA234.6TS OPENB	EUR	4,6050	4,6050	4,6050				4,6050				
Certificate	NL0012864862	LOREA244.4TS OPENH	EUR	5,5300	5,5400	5,5300				5,5400				
Certificate	NL0012592844	LOREA262.4TS OPENH	EUR	7,4700	7,4900	7,4700				7,4900				
Certificate	NL0012565451	LOREA266.7TS OPENH	EUR	7,9300	7,9500	7,9300				7,9500				
Certificate	NL0012586747	LOREA266.8TS OPENH	EUR	7,9400	7,9600	7,9400				7,9600				
Certificate	NL0012536759	LOREA292.3TS OPENH	EUR	10,6900	10,7000	10,6900				10,7000				
Certificate	NL0012526602	LOREA293.8TS OPENH	EUR	10,8500	10,8700	10,8500				10,8700				
Certificate	NL0012538458	LOREA293.8TS OPENH	EUR	10,8600	10,8700	10,8600				10,8700				
Certificate	NL0012546501	LOREA293.9TS OPENH	EUR	10,8700	10,8900	10,8700				10,8900				
Certificate	NL0012864854	LOREA323.6TS OPENH	EUR	14,0700	14,0800	14,0700				14,0800				
Certificate	NL0011054234	LUFTH 4.6TL OPENH	EUR	16,7700	16,7700	16,7600				16,7600				
Certificate	NL0012311021	LUFTH 16.9TL OPENH	EUR	5,2600	5,2600	5,2500				5,2500				
Certificate	NL0011054226	LUFTH 6.72TL OPENH	EUR	14,7800	14,7800	14,7700				14,7700				
Certificate	NL0011054218	LUFTH 7.78TL OPENH	EUR	13,7900	13,7900	13,7800				13,7800				
Certificate	NL0011989124	LUFTH 8.51TL OPENH	EUR	13,1100	13,1100	13,1000				13,1000				
Certificate	DE000CR9PZJ3	LUFTH 8.94TL OPENZ	EUR	6,1300	6,1300	6,0500				6,0500				
Certificate	NL0011992359	LUFTH10.01TL OPENH	EUR	11,7100	11,7100	11,7000				11,7000				
Certificate	NL0012055891	LUFTH10.52TL OPENH	EUR	11,2300	11,2300	11,2200				11,2200				
Certificate	DE000CD63C96	LUFTH10.56TL OPENZ	EUR	5,3100	5,3100	5,2400				5,2400				
Certificate	NL0012175426	LUFTH11.78TL OPENH	EUR	10,0500	10,0500	10,0400				10,0400				
Certificate	NL0012196430	LUFTH12.29TL OPENH	EUR	9,5700	9,5700	9,5600				9,5600				
Certificate	NL0012201859	LUFTH13.32TL OPENH	EUR	8,6100	8,6100	8,6000				8,6000				
Certificate	DE000CE6C7Y9	LUFTH14.26TL OPENZ	EUR	3,4750	3,4750	3,3950				3,3950				
Certificate	NL0012212047	LUFTH14.34TL OPENH	EUR	7,6500	7,6500	7,6400				7,6400				
Certificate	NL0012243315	LUFTH15.37TL OPENH	EUR	6,6900	6,6900	6,6800				6,6800				
Certificate	DE000CJ3N443	LUFTH15.78TL OPENZ	EUR	2,7250	2,7250	2,6450				2,6450				
Certificate	NL0012307011	LUFTH16.38TL OPENH	EUR	5,7500	5,7500	5,7400				5,7400				
Certificate	NL0013005804	LUFTH16.47TL OPENB	EUR	5,5700	5,5700	5,5700				5,5700				
Certificate	DE000CJ3PVK3	LUFTH17.26TL OPENZ	EUR	1,9850	1,9850	1,9050				1,9050				
Certificate	NL0013148307	LUFTH17.95TL OPENB	EUR	4,1900	4,1900	4,1900				4,1900				
Certificate	DE000CJ3QBD8	LUFTH19.26TL OPENZ	EUR	1,0050	1,0050	0,9250				0,9250				
Certificate	NL0013132962	LUFTH19.31TL OPENH	EUR	3,0100	3,0100	3,0000				3,0000				
Certificate	NL0013156482	LUFTH19.45TL OPENB	EUR	2,8000	2,8000	2,8000				2,8000				
Certificate	NL0013157431	LUFTH20.94TL OPENB	EUR											
Certificate	NL0013185192	LUFTH21.31TS OPENH	EUR											
Certificate	NL0012904916	LUFTH22.31TS OPENH	EUR	2,9000	3,0000	2,9000				3,0000				
Certificate	NL0013002520	LUFTH22.78TS OPENB	EUR	3,7300	3,7300	3,7300				3,7300				
Certificate	NL0012934731	LUFTH24.18TS OPENH	EUR	4,9100	5,0100	4,9100				5,0100				
Certificate	NL0012909659	LUFTH25.03TS OPENH	EUR	5,8200	5,9200	5,8200				5,9200				
Certificate	NL0012611107	LUFTH25.42TS OPENH	EUR	6,2400	6,3400	6,2400				6,3400				
Certificate	NL0012610190	LUFTH25.43TS OPENH	EUR	6,2500	6,3500	6,2500				6,3500				
Certificate	NL0012785125	LUFTH25.76TS OPENB	EUR	6,9500	6,9500	6,9500				6,9500				
Certificate	NL0012849434	LUFTH25.98TS OPENH	EUR	6,8400	6,9400	6,8400				6,9400				
Certificate	NL0012596225	LUFTH26.31TS OPENH	EUR	7,2000	7,3000	7,2000				7,3000				
Certificate	NL0012861439	LUFTH26.96TS OPENH	EUR	7,8900	7,9900	7,8900				7,9900				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012581029	LUFTH27.21TS OPENH	EUR	8,1600	8,2600	8,1600			8,2600					
Certificate	NL0012581011	LUFTH28.19TS OPENH	EUR	9,2100	9,3100	9,2100			9,3100					
Certificate	NL0012582822	LUFTH28.59TS OPENH	EUR	9,6400	9,7400	9,6400			9,7400					
Certificate	NL0012685697	LUFTH28.72TS OPENB	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0012565360	LUFTH29.64TS OPENH	EUR	10,7700	10,8700	10,7700			10,8700					
Certificate	NL0012525927	LUFTH30.26TS OPENH	EUR	11,4300	11,5300	11,4300			11,5300					
Certificate	NL0012542047	LUFTH31.34TS OPENH	EUR	12,5900	12,6900	12,5900			12,6900					
Certificate	NL0012529184	LUFTH32.23TS OPENH	EUR	13,5500	13,6500	13,5500			13,6500					
Certificate	NL0012536643	LUFTH34.22TS OPENH	EUR	15,6900	15,7900	15,6900			15,7900					
Certificate	NL0012543904	LUFTH36.24TS OPENH	EUR	17,8600	17,9600	17,8600			17,9600					
Certificate	DE000CR9RR14	LUFTH7.818TL OPENZ	EUR	6,6900	6,6900	6,6100			6,6100					
Certificate	NL0010903365	LUXOT 22TL OPENB	EUR											
Certificate	NL0010903373	LUXOT 29TL OPENB	EUR											
Certificate	DE000CJ3QLV9	LUXOT33.64TL OPENZ	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CV8ASU5	LUXOT40.64TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV8ASV3	LUXOT45.64TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0010918751	LVMH 119TL OPENB	EUR	14,6450	14,6450	14,6450			14,6450					
Certificate	DE000CX59KT8	LVMH 160TL OPENC	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CX59Q50	LVMH 160TL OPENC	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000CX59UF6	LVMH 170TL OPENC	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CY0AUK4	LVMH 170TL OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CX59VC1	LVMH 170TL OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000CY0AZG1	LVMH 180TL OPENC	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	DE000CY0ATL4	LVMH 180TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CY50H00	LVMH 200TL OPENC	EUR	6,1800	6,4400	6,1700	618,0000	1	6,4400	100				
Certificate	DE000CY500W2	LVMH 200TL OPENC	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012122881	LVMH 201TL OPENB	EUR	7,0050	7,0050	7,0050			7,0050					
Certificate	DE000CY50727	LVMH 210TL OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CY50H18	LVMH 210TL OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CY51AL1	LVMH 220TL OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CY524Q4	LVMH 230TL OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CQ5AFQ1	LVMH 240TL OPENC	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CQ5AHL8	LVMH 250TL OPENC	EUR											
Certificate	DE000CQ5AV62	LVMH 260TL OPENC	EUR											
Certificate	DE000CQ5APW8	LVMH 270TL OPENC	EUR											
Certificate	DE000CQ5AWU8	LVMH 280TL OPENC	EUR											
Certificate	DE000CQ5AWV6	LVMH 310TS OPENC	EUR											
Certificate	DE000CQ58EB4	LVMH 320TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CQ5APX6	LVMH 340TS OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0009992189	LVMH 77.5TL OPENB	EUR	20,5250	20,5250	20,5250			20,5250					
Certificate	NL0011415500	LVMH 106.5TL OPENH	EUR	15,7300	15,9900	15,7300			15,9900					
Certificate	NL0011415484	LVMH 122.2TL OPENH	EUR	14,2600	14,5200	14,2600			14,5200					
Certificate	NL0011931258	LVMH 135.2TL OPENH	EUR	13,0500	13,3100	13,0500			13,3100					
Certificate	NL0011979372	LVMH 147.8TL OPENH	EUR	11,8800	12,1400	11,8800			12,1400					
Certificate	NL0012022503	LVMH 149.9TL OPENB	EUR	11,7550	11,7550	11,7550			11,7550					
Certificate	NL0012212054	LVMH 159.3TL OPENH	EUR	10,8100	11,0700	10,8100			11,0700					
Certificate	NL0012054472	LVMH 173.1TL OPENH	EUR	9,5300	9,7900	9,5300			9,7900					
Certificate	NL0012051767	LVMH 173.7TL OPENH	EUR	9,4700	9,7300	9,4700			9,7300					
Certificate	DE000CD64D52	LVMH 178.1TL OPENZ	EUR	78,9050	81,0050	78,9050			81,0050					
Certificate	NL0012199301	LVMH 186.6TL OPENH	EUR	8,2700	8,5300	8,2700			8,5300					
Certificate	NL0012209266	LVMH 196.6TL OPENH	EUR	7,3400	7,6000	7,3400			7,6000					
Certificate	DE000CE6CC76	LVMH 199.9TL OPENZ	EUR	2,8600	2,9600	2,8600			2,9600					
Certificate	NL0012365811	LVMH 208.5TL OPENH	EUR	6,2300	6,4900	6,2300			6,4900					
Certificate	NL0012239347	LVMH 210.5TL OPENH	EUR	6,0400	6,3000	6,0400			6,3000					
Certificate	NL0012557912	LVMH 223.1TL OPENH	EUR	4,8700	5,1300	4,8700			5,1300					
Certificate	DE000CE6F1W3	LVMH 225.8TL OPENZ	EUR	1,5700	1,6800	1,5700			1,6800					
Certificate	NL0012500524	LVMH 231.1TL OPENB	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	NL0012581037	LVMH 232.3TL OPENH	EUR	4,0100	4,2700	3,9700	2779,0000	1	4,2700	700				
Certificate	DE000CV888L7	LVMH 245.6TL OPENZ	EUR	0,6000	0,7000	0,6000			0,7000					
Certificate	NL0013127475	LVMH 282.8TS OPENH	EUR	4,9000	4,9000	4,7700			4,7700					
Certificate	NL0012313167	LVMH 324.3TS OPENH	EUR	9,3800	9,3800	9,2500			9,2500					
Certificate	NL0012313159	LVMH 343.6TS OPENH	EUR	11,4600	11,4600	11,3300			11,3300					
Certificate	NL0012545669	LVMH 364.1TS OPENH	EUR	13,6700	13,6700	13,5400			13,5400					
Certificate	NL0012526206	LVMH 370.2TS OPENH	EUR	14,3300	14,3300	14,2000			14,2000					
Certificate	NL0012539308	LVMH 371.2TS OPENH	EUR	14,4400	14,4400	14,3100			14,3100					
Certificate	NL0012601843	LVMH 395.7TS OPENH	EUR	17,0900	17,0900	16,9600			16,9600					
Certificate	NL0012604722	LVMH 435.3TS OPENC	EUR	21,3600	21,3600	21,2300			21,2300					
Certificate	NL0012606396	LVMH 435.7TS OPENH	EUR	21,3900	21,3900	21,2600			21,2600					
Certificate	NL0012608053	LVMH 437.3TS OPENH	EUR	21,5700	21,5700	21,4400			21,4400					
Certificate	NL0012901144	LVMH 461.8TS OPENH	EUR	24,2100	24,2100	24,0800			24,0800					
Certificate	NL0012864813	LVMH 474.7TS OPENH	EUR	25,6100	25,6100	25,4800			25,4800					
Certificate	NL0012313175	LVMH 77.52TL OPENC	EUR	18,4300	18,6900	18,4300			18,6900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CK1CMU0	LVMH 99.43TL OPENZ	EUR	160,0550	162,1550	160,0550			162,1550					
Certificate	DE000CV89MM0	MAERS 5417TL OPENZ	EUR	5,6000	5,6100	5,6000			5,6100					
Certificate	DE000CV89V18	MAERS 5913TL OPENZ	EUR	4,9450	4,9450	4,9400			4,9400					
Certificate	DE000CV87UE4	MAERS 6420TL OPENZ	EUR	4,2650	4,2650	4,2600			4,2600					
Certificate	DE000CV89Q98	MAERS 6912TL OPENZ	EUR	3,6050	3,6100	3,6050			3,6100					
Certificate	DE000CV87RP6	MAERS 7419TL OPENZ	EUR	2,9250	2,9300	2,8500	142,5000	1	2,9300	50				
Certificate	DE000CJ3P821	MAERS 8216TL OPENZ	EUR	1,8650	1,8700	1,8650			1,8700					
Certificate	DE000CD63EB3	MASTE110.7TL OPENZ	EUR	7,3700	7,7100	7,3700			7,7100					
Certificate	DE000CR6YBA1	MASTE89.03TL OPENZ	EUR											
Certificate	NL0010248456	MCDON 58.3TL OPENB	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	NL0011445705	MCDON103.4TL OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0013016090	MCDON196.3TS OPENB	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0013152010	MCDON206.3TS OPENB	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	DE000CR9RWR9	MDAX 17130TL OPENZ	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CR9PS49	MDAX 18389TL OPENZ	EUR	5,2350	5,2350	5,2350			5,2350					
Certificate	DE000CN6JST0	MDAX 19646TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	DE000CD626E8	MDAX 20872TL OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CD64144	MDAX 22078TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CJ3QER2	MDAX 24536TS OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CJ3NZY0	MDAX 26530TS OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CE6CGY1	MDAX 28505TS OPENZ	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CE6DNE7	MDAX 29988TS OPENZ	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	DE000CE6FAF6	MDAX 31487TS OPENZ	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CV88X33	MDAX 35482TS OPENZ	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000CV8AT48	MEDTR62.45TL OPENZ	EUR	2,8950	3,0250	2,8950			3,0250					
Certificate	DE000CV8AT55	MEDTR72.84TL OPENZ	EUR	1,9950	2,1350	1,9950			2,1350					
Certificate	DE000CV8AT63	MEDTR83.24TL OPENZ	EUR	1,1050	1,2450	1,1050			1,2450					
Certificate	DE000CJ3NR03	MEDTR92.86TL OPENZ	EUR											
Certificate	NL0012370886	MERCK 30.8TL OPENH	EUR	6,8900	6,9300	6,8900			6,9300					
Certificate	NL0012370878	MERCK 38.9TL OPENH	EUR	6,1300	6,1600	6,1300			6,1600					
Certificate	NL0012370860	MERCK 47.1TL OPENH	EUR	5,3600	5,4000	5,3600			5,4000					
Certificate	NL0012586671	MERCK 51.1TL OPENH	EUR	4,9900	5,0300	4,9900			5,0300					
Certificate	NL0012565394	MERCK 55.6TL OPENH	EUR	4,5700	4,6100	4,5700			4,6100					
Certificate	NL0011416508	MERCK 63.2TL OPENH	EUR	3,8500	3,8900	3,8500			3,8900					
Certificate	NL0011416490	MERCK 67.4TL OPENH	EUR	3,4600	3,5000	3,4600			3,5000					
Certificate	NL0011729090	MERCK 71.6TL OPENH	EUR	3,0700	3,1100	3,0700			3,1100					
Certificate	NL0012601017	MERCK 75.2TL OPENH	EUR	2,7300	2,7700	2,7300			2,7700					
Certificate	NL0012606701	MERCK 79.3TL OPENH	EUR	2,3500	2,3900	2,3500			2,3900					
Certificate	NL0012929426	MERCK 83.2TL OPENH	EUR	1,9800	2,0200	1,9800			2,0200					
Certificate	NL0013127491	MERCK 87.2TL OPENH	EUR	1,6100	1,6500	1,6100			1,6500					
Certificate	DE000CJ3PV74	MERCK 88.5TL OPENZ	EUR	0,9300	0,9750	0,9300			0,9750					
Certificate	NL0013130602	MERCK 91.2TL OPENH	EUR	1,2300	1,2700	1,2300			1,2700					
Certificate	NL0012370837	MERCK106.5TS OPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0011729066	MERCK116.6TS OPENH	EUR	2,7700	2,7700	2,7600			2,7600					
Certificate	NL0011054481	MERCK121.8TS OPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012539316	MERCK131.3TS OPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0011737192	MERCK132.1TS OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0012556021	MERCK139.5TS OPENH	EUR	5,2300	5,2300	5,2200			5,2200					
Certificate	NL0011929948	MERCK140.3TS OPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013186125	MERCK151.2TS OPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CN6JH67	MERCK61.34TL OPENZ	EUR	3,6400	3,6750	3,6400			3,6750					
Certificate	DE000CR9RR48	MERCK68.61TL OPENZ	EUR	2,9100	2,9550	2,9100			2,9550					
Certificate	DE000CV88P25	MERCK78.55TL OPENZ	EUR	1,9200	1,9650	1,9200			1,9650					
Certificate	NL0000290534	MEXIC PI OPENN	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CN6KKW9	MHG 107.1TL OPENZ	EUR	1,9300	1,9300	1,8800			1,8800					
Certificate	DE000CE6CL26	MHG 122.3TL OPENZ	EUR	1,6200	1,6200	1,5600			1,5600					
Certificate	DE000CV87LY1	MHG 142.4TL OPENZ	EUR	1,2000	1,2000	1,1500			1,1500					
Certificate	DE000CV8AH34	MHG 162.4TL OPENZ	EUR	0,7900	0,7900	0,7400			0,7400					
Certificate	DE000CJ3PA26	MHG 182.3TL OPENZ	EUR	0,3900	0,3900	0,3400			0,3400					
Certificate	DE000CR9PK21	MHG 65.67TL OPENZ	EUR	2,7900	2,7900	2,7300			2,7300					
Certificate	DE000CR9SMH9	MHG 80.53TL OPENZ	EUR	2,4800	2,4800	2,4300			2,4300					
Certificate	NL0012891303	MICHL 112TS OPENH	EUR	29,6100	29,6100	29,0800			29,0800					
Certificate	NL0012600431	MICHL120.1TS OPENH	EUR	38,3500	38,3500	37,8300			37,8300					
Certificate	NL0011729033	MICHL127.1TS OPENH	EUR	45,9300	45,9300	45,4100			45,4100					
Certificate	NL0011732185	MICHL127.4TS OPENH	EUR	46,1900	46,1900	45,6600			45,6600					
Certificate	NL0012862460	MICHL139.9TS OPENH	EUR	59,7000	59,7000	59,1700			59,1700					
Certificate	NL0011973870	MICHL142.6TS OPENH	EUR	62,6500	62,6500	62,1200			62,1200					
Certificate	NL0011979380	MICHL142.7TS OPENH	EUR	62,6900	62,6900	62,1600			62,1600					
Certificate	NL0011996509	MICHL142.9TS OPENH	EUR	62,9500	62,9500	62,4200			62,4200					
Certificate	NL0012900013	MICHL155.9TS OPENH	EUR	76,9900	76,9900	76,4700			76,4700					
Certificate	NL0012536684	MICHL172.5TS OPENH	EUR	94,8800	94,8800	94,3500			94,3500					
Certificate	NL0012539712	MICHL176.1TS OPENH	EUR	98,7300	98,7300	98,2000			98,2000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0009862820	MICHL24.35TL OPENB	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	NL0010438149	MICHL54.53TL OPENB	EUR	40,7850	40,7850	40,7850			40,7850					
Certificate	NL0012900021	MICHL60.59TL OPENH	EUR	34,9800	35,9300	34,9800			35,9300					
Certificate	DE000CV89Q56	MICHL69.67TL OPENZ	EUR	0,8900	0,9100	0,8900			0,9100					
Certificate	NL0011650080	MICHL72.61TL OPENB	EUR	24,0550	24,0550	24,0550			24,0550					
Certificate	NL0011890249	MICHL74.72TL OPENH	EUR	21,8100	22,7600	21,8100			22,7600					
Certificate	DE000CV89BY8	MICHL79.65TL OPENZ	EUR	0,5000	0,5200	0,5000			0,5200					
Certificate	NL0011927918	MICHL82.84TL OPENH	EUR	14,2500	15,2000	14,2500			15,2000					
Certificate	NL0013086218	MICHL96.11TS OPENH	EUR	12,4600	12,4600	11,9300			11,9300					
Certificate	DE000CV52222	MICRO 25TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CP06XX0	MICRO 30TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3QAB4	MICRO 33TL 0319Z	EUR	0,4150	0,4650	0,4150			0,4650					
Certificate	DE000CV52230	MICRO 34TL OPENC	EUR											
Certificate	DE000CP233A7	MICRO 35TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP233B5	MICRO 40TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP06Y05	MICRO 44TS OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CP06Y13	MICRO 50TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP06Y21	MICRO 55TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CJ3P929	MICRO 30.5TL 0319Z	EUR	0,6250	0,6850	0,6250			0,6850					
Certificate	DE000CJ3PMK2	MICRO25.26TL OPENZ	EUR	1,0650	1,1150	1,0650			1,1150					
Certificate	DE000CV8B003	MICRO30.79TL OPENZ	EUR	0,5750	0,6350	0,5750			0,6350					
Certificate	DE000CJ3PKN0	MITRA 11.9TL OPENZ	EUR	2,5100	2,6350	2,5000	22020,0000	9	2,6350	8800				
Certificate	DE000CJ3N1K0	MITRA13.93TL OPENZ	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000CV88DE8	MITRA15.91TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0013017080	MITRA17.01TL OPENB	EUR	1,6200	1,6750	1,6050	405,0000	1	1,6750	250				
Certificate	DE000CV88DF5	MITRA17.95TL OPENZ	EUR	1,4800	1,5350	1,4800	444,0000	1	1,5350	300				
Certificate	NL0013007222	MITRA19.01TL OPENB	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV88DG3	MITRA19.88TL OPENZ	EUR	1,1600	1,1600	1,1500	577,0900	2	1,1500	500				
Certificate	NL0013007230	MITRA21.03TL OPENB	EUR	0,8700	0,9450	0,8550	217,5000	1	0,9450	250				
Certificate	DE000CJ3QHE3	MITRA21.88TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013014251	MITRA25.92TS OPENB	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013004971	MITRA29.91TS OPENB	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012999395	MITRA33.86TS OPENB	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000CV87WA8	MKS 1.905TL OPENZ	EUR	1,3900	1,3900	1,3600			1,3600					
Certificate	DE000CJ3NU99	MKS 2.082TL OPENZ	EUR	1,3300	1,3300	1,3000			1,3000					
Certificate	DE000CV509G9	MKS 2.406TL OPENZ	EUR	0,8200	0,8200	0,7900			0,7900					
Certificate	DE000CV4YYC8	MKS 2.422TL OPENZ	EUR	0,9600	0,9600	0,9300			0,9300					
Certificate	DE000CJ3P505	MKS 2.727TL OPENZ	EUR	0,5700	0,5700	0,5500			0,5500					
Certificate	DE000CR9RYW5	MLXIS 37.5TL OPENZ	EUR	0,4000	0,4000	0,3950	2440,0000	1	0,3950	6100				
Certificate	NL0013149537	MLXIS 61.18S OPENB	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CR9RL4	MLXIS34.17TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0013017585	MLXIS43.86BL OPENB	EUR	1,1800	1,1800	1,0700	1180,0000	1	1,0700	1000				
Certificate	DE000CN6KAK5	MLXIS44.54TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013016462	MLXIS46.88BL OPENB	EUR	0,7800	0,7800	0,7700	858,0000	1	0,7700	1100				
Certificate	DE000CN6LJE7	MLXIS48.71TL OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0013016470	MLXIS49.88BL OPENB	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013157761	MLXIS52.89BL OPENB	EUR											
Certificate	NL0013155500	MLXIS55.12BS OPENB	EUR											
Certificate	DE000CJ3QFA5	MLXIS57.75TS OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CJ3PLJ6	MLXIS64.74TS OPENZ	EUR	1,1900	1,1900	1,1600	1190,0000	1	1,1600	1000				
Certificate	NL0013004781	MLXIS67.09BS OPENB	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CJ3NUF0	MLXIS71.72TS OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012993059	MLXIS79.01BS OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CV8B987	MLXIS79.71TS OPENZ	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CV89T38	MLXIS81.98TS OPENZ	EUR											
Certificate	DE000CV89QX8	MLXIS89.68TS OPENZ	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CE6FC16	MLXIS99.63TS OPENZ	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CX00R34	MNST 30.92TL OPENC	EUR											
Certificate	DE000CX00R26	MNST 34.35TL OPENC	EUR											
Certificate	DE000CX00R18	MNST 37.79TL OPENC	EUR											
Certificate	DE000CX01Z25	MNST 62.53TS OPENC	EUR											
Certificate	DE000CN6J0D2	MODL233.47TL OPENZ	EUR	9,8700	9,8700	9,8400			9,8400					
Certificate	DE000CJ3PRO1	MONC 19.97TL OPENZ	EUR	1,0900	1,0900	1,0300			1,0300					
Certificate	DE000CJ3N641	MONC 23.51TL OPENZ	EUR	0,7500	0,7500	0,6900			0,6900					
Certificate	DE000CJ3NVL6	MONC 26.96TL OPENZ	EUR	0,4100	0,4100	0,3600			0,3600					
Certificate	NL0000695655	MOOIV PI OPENN	EUR	18,3700	18,8300	18,3700	6590,5000	1	18,8300	350				
Certificate	DE000CJ3QK49	MORPH 95.7TL OPENZ	EUR	0,5800	0,5900	0,5800			0,5900					
Certificate	DE000CJ3QCS4	MORPH109.8TS OPENZ	EUR	1,0200	1,0200	0,9900			0,9900					
Certificate	DE000CJ3PYC4	MORPH119.7TS OPENZ	EUR	1,9900	1,9900	1,9700			1,9700					
Certificate	DE000CJ3P1X1	MORPH134.7TS OPENZ	EUR	3,4700	3,4700	3,4500			3,4500					
Certificate	DE000CE6CKV2	MORPH56.93TL OPENZ	EUR	4,3800	4,4100	4,3800			4,4100					
Certificate	DE000CE6ENQ9	MORPH63.97TL OPENZ	EUR	3,6800	3,7100	3,6800			3,7100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6F1A9	MORPH71.92TL OPENZ	EUR	2,8900	2,9200	2,8900			2,9200					
Certificate	DE000CV87QA0	MORPH74.73TL OPENZ	EUR	2,6100	2,6400	2,6100			2,6400					
Certificate	DE000CJ3PVV8	MORPH81.69TL OPENZ	EUR	1,9300	1,9500	1,9300			1,9500					
Certificate	DE000CJ3PWW6	MORPH88.71TL OPENZ	EUR	1,2500	1,2700	1,2500			1,2700					
Certificate	NL0009173210	MSOFT 14TL OPENB	EUR	86,1500	86,1500	86,1500			86,1500					
Certificate	DE000CP23631	MSOFT 105TS OPENC	EUR											
Certificate	DE000CQ5BVX2	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP06164	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP06UP2	MSOFT 115TS OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP07B68	MSOFT 115TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012786107	MSOFT 117TS OPENB	EUR	13,9650	13,9650	13,9650			13,9650					
Certificate	DE000CQ58J42	MSOFT 120TS OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CQ58EL3	MSOFT 120TS OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CP06MM6	MSOFT 125TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CP06PT4	MSOFT 125TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CP06227	MSOFT 130TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP06172	MSOFT 130TS OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0009069301	MSOFT 8.7TL OPENB	EUR	90,4700	90,4700	90,4700			90,4700					
Certificate	NL0010520151	MSOFT 30.1TL OPENB	EUR	72,8700	72,8700	72,8700			72,8700					
Certificate	NL0011052402	MSOFT 34.3TL OPENH	EUR	66,9200	69,4100	66,9200			69,4100					
Certificate	NL0011043013	MSOFT 34.9TL OPENH	EUR	66,4500	68,9400	66,4500			68,9400					
Certificate	NL0010658969	MSOFT 37.5TL OPENB	EUR	66,8400	66,8400	66,8400			66,8400					
Certificate	NL0011432307	MSOFT 41.4TL OPENB	EUR	63,5600	63,5600	63,5600			63,5600					
Certificate	NL0011908140	MSOFT 51.2TL OPENB	EUR	55,5600	55,5600	55,5600			55,5600					
Certificate	NL0012025613	MSOFT 56.8TL OPENB	EUR	50,9700	50,9700	50,9700			50,9700					
Certificate	NL0013156136	MSOFT104.98S OPENB	EUR											
Certificate	NL0013156607	MSOFT106.3TS OPENB	EUR											
Certificate	NL0013006299	MSOFT115.38S OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	NL0012981492	MSOFT126.98S OPENB	EUR	14,7350	14,7350	14,7350			14,7350					
Certificate	NL0012983076	MSOFT128.7TS OPENB	EUR	25,0950	25,0950	25,0950			25,0950					
Certificate	NL0013004799	MSOFT139.78S OPENB	EUR	25,9550	25,9550	25,9550			25,9550					
Certificate	NL0011447529	MSOFT42.228L OPENB	EUR	60,8000	60,8000	60,8000			60,8000					
Certificate	DE000CD62JN9	MSOFT59.11TL OPENZ	EUR	43,2400	45,7500	43,2400			45,7500					
Certificate	NL0012516181	MUENC 165TL OPENH	EUR	4,2600	4,2600	4,0300			4,0300					
Certificate	NL0011225701	MUENC113.8TL OPENH	EUR	9,0500	9,0500	8,8200			8,8200					
Certificate	DE000CD61820	MUENC113.8TL OPENZ	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CR9P841	MUENC129.8TL OPENZ	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0011225693	MUENC130.7TL OPENH	EUR	7,4600	7,4600	7,2300			7,2300					
Certificate	NL0011927934	MUENC134.3TL OPENH	EUR	7,1300	7,1300	6,9000			6,9000					
Certificate	NL0011935648	MUENC144.5TL OPENH	EUR	6,1700	6,1700	5,9400			5,9400					
Certificate	DE000CD62L80	MUENC147.6TL OPENZ	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0011978960	MUENC149.5TL OPENH	EUR	5,7000	5,7000	5,4800			5,4800					
Certificate	NL0011988969	MUENC154.8TL OPENH	EUR	5,2100	5,2100	4,9800			4,9800					
Certificate	NL0012179022	MUENC159.9TL OPENH	EUR	4,7300	4,7300	4,5100			4,5100					
Certificate	DE000CE6E202	MUENC167.4TL OPENZ	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012591838	MUENC175.1TL OPENH	EUR	3,3200	3,3200	3,0900			3,0900					
Certificate	NL0012899470	MUENC179.9TL OPENH	EUR	2,8600	2,8600	2,6300			2,6300					
Certificate	NL0013128481	MUENC184.7TL OPENH	EUR	2,4200	2,4200	2,1900			2,1900					
Certificate	DE000CE6CDU6	NASDA LEVOPENZ	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000CE6CDW2	NASDA LEVOPENZ	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CE6CDV4	NASDA LEVOPENZ	EUR	14,9350	14,9350	14,9350			14,9350					
Certificate	DE000CE6CDY8	NASDA SHROPENZ	EUR	0,0630	0,0630	0,0630			0,0630					
Certificate	DE000CE6CDX0	NASDA SHROPENZ	EUR	1,4090	1,4090	1,4090			1,4090					
Certificate	NL0011411582	NASDA 2980TL OPENH	EUR	35,9300	35,9300	35,9300			35,9300					
Certificate	NL0011411558	NASDA 3780TL OPENH	EUR	29,3800	29,3800	29,3800			29,3800					
Certificate	NL0011411541	NASDA 3940TL OPENH	EUR	28,0800	28,0800	28,0800			28,0800					
Certificate	NL0011411533	NASDA 4100TL OPENH	EUR	26,7500	26,7500	26,7500			26,7500					
Certificate	DE0005437446	NASDQ PI OPENN	EUR	59,3900	59,3900	59,3900			59,3900					
Certificate	NL0009565852	NASDQ 1780TL OPENB	EUR	45,5500	45,5500	45,5500			45,5500					
Certificate	NL0009667161	NASDQ 2030TL OPENB	EUR	43,4400	43,4400	43,4400			43,4400					
Certificate	NL0010126223	NASDQ 2510TL OPENB	EUR	39,4300	39,4300	39,4300			39,4300					
Certificate	NL0010255592	NASDQ 2630TL OPENB	EUR	38,4900	38,4900	38,4900			38,4900					
Certificate	NL0010380721	NASDQ 2880TL OPENB	EUR	36,4100	36,4100	36,4100			36,4100					
Certificate	NL0010445714	NASDQ 3140TL OPENB	EUR	34,2400	34,2400	34,2400			34,2400					
Certificate	NL0010518056	NASDQ 3280TL OPENB	EUR	33,0000	33,0000	33,0000			33,0000					
Certificate	DE000CZ7DN84	NASDQ 3409TL OPENZ	EUR	30,7150	30,7150	30,7150			30,7150					
Certificate	NL0010523825	NASDQ 3510TL OPENB	EUR	31,1100	31,1100	31,1100			31,1100					
Certificate	DE000CF80D19	NASDQ 3514TL OPENC	EUR	27,7700	27,7700	27,7700			27,7700					
Certificate	NL0010655759	NASDQ 3630TL OPENB	EUR	30,1200	30,1200	30,1200			30,1200					
Certificate	DE000CZ7DY65	NASDQ 3690TL OPENZ	EUR	28,2850	28,2850	28,2850			28,2850					
Certificate	NL0010657540	NASDQ 3750TL OPENB	EUR	29,1000	29,1000	29,1000			29,1000					
Certificate	DE000CR1HPW1	NASDQ 3969TL OPENZ	EUR	25,8550	25,8550	25,8550			25,8550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX00L30	NASDQ 4000TL OPENC	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	DE000CR1HML1	NASDQ 4124TL OPENZ	EUR	24,0150	24,0150	24,0150			24,0150					
Certificate	DE000CX0KXG6	NASDQ 4200TL OPENC	EUR	21,5400	21,5400	21,5400			21,5400					
Certificate	DE000CR9RY64	NASDQ 4245TL OPENZ	EUR	23,4650	23,4650	23,4650			23,4650					
Certificate	DE000CN6JT63	NASDQ 4458TL OPENZ	EUR	21,0650	21,0650	21,0650			21,0650					
Certificate	DE000CN6K776	NASDQ 4462TL OPENZ	EUR	21,5850	21,5850	21,5850			21,5850					
Certificate	DE000CX59BZ4	NASDQ 4500TL OPENC	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	DE000CX59NQ8	NASDQ 4500TL OPENC	EUR	18,8600	18,8600	18,8600			18,8600					
Certificate	DE000CY0AL55	NASDQ 4500TL OPENC	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	DE000CX59ZY6	NASDQ 4500TL OPENC	EUR	18,9000	18,9000	18,9000			18,9000					
Certificate	DE000CX59H69	NASDQ 4500TL OPENC	EUR	18,8500	18,8500	18,8500			18,8500					
Certificate	DE000CX0KXH4	NASDQ 4500TL OPENC	EUR	18,6700	18,6700	18,6700			18,6700					
Certificate	NL0012023865	NASDQ 4540TL OPENB	EUR	20,7300	21,4450	20,7250	3109,5000	1		150				
Certificate	DE000CN6K727	NASDQ 4567TL OPENZ	EUR	20,1150	20,1150	20,1150			20,1150					
Certificate	DE000CX0KZU2	NASDQ 4600TL OPENC	EUR	17,7400	17,7400	17,7400			17,7400					
Certificate	DE000CX59C07	NASDQ 4600TL OPENC	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CD61U47	NASDQ 4673TL OPENZ	EUR	19,1700	19,1700	19,1700			19,1700					
Certificate	DE000CD61W45	NASDQ 4675TL OPENZ	EUR	19,7250	19,7250	19,7250			19,7250					
Certificate	DE000CX59RS5	NASDQ 4700TL OPENC	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	DE000CX59LY6	NASDQ 4700TL OPENC	EUR	16,9500	16,9500	16,9500			16,9500					
Certificate	NL0012028021	NASDQ 47458L OPENB	EUR	18,6750	18,6750	18,6750			18,6750					
Certificate	NL0012023881	NASDQ 4750TL OPENB	EUR	19,6050	19,6050	19,6050			19,6050					
Certificate	DE000CD61V79	NASDQ 4780TL OPENZ	EUR	18,2300	18,2300	18,2300			18,2300					
Certificate	DE000CY0ALR8	NASDQ 4800TL OPENC	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	DE000CY0AL63	NASDQ 4800TL OPENC	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0012028385	NASDQ 4860TL OPENB	EUR	17,8800	18,7150	17,7500	3154,7500	2		177				
Certificate	DE000CD626N9	NASDQ 4886TL OPENZ	EUR	17,3050	17,3050	17,3050			17,3050					
Certificate	DE000CD62A24	NASDQ 4889TL OPENZ	EUR	17,8650	17,8650	17,8650			17,8650					
Certificate	DE000CY0ASV5	NASDQ 4900TL OPENC	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	DE000CD628P0	NASDQ 4992TL OPENZ	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	DE000CJ3P703	NASDQ 5000TL 0319Z	EUR	16,5200	16,5200	16,5200			16,5200					
Certificate	DE000CY0AV61	NASDQ 5000TL OPENC	EUR	14,9700	14,9700	14,9700			14,9700					
Certificate	DE000CY0ASW3	NASDQ 5000TL OPENC	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	DE000CD62DX1	NASDQ 5098TL OPENZ	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	DE000CD641T5	NASDQ 5099TL OPENZ	EUR	16,0450	16,0450	16,0450			16,0450					
Certificate	DE000CY0AZY4	NASDQ 5100TL OPENC	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CJ3N6B8	NASDQ 5150TL 1218Z	EUR	15,0600	15,0600	15,0600			15,0600					
Certificate	DE000CY16CU1	NASDQ 5200TL OPENC	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	DE000CY16BL2	NASDQ 5200TL OPENC	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	DE000CD632X2	NASDQ 5203TL OPENZ	EUR	14,5150	14,5150	14,5150			14,5150					
Certificate	NL0012107114	NASDQ 52348L OPENB	EUR	14,3650	14,3650	14,3650			14,3650					
Certificate	NL0012107924	NASDQ 52888L OPENB	EUR	13,8850	13,8850	13,8850			13,8850					
Certificate	DE000CY16H78	NASDQ 5300TL OPENC	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	NL0013184377	NASDQ 5304TRLOPENH	EUR	13,5900	13,5900	13,5900			13,5900					
Certificate	DE000CD64CC3	NASDQ 5307TL OPENZ	EUR	13,5950	13,5950	13,5950			13,5950					
Certificate	DE000CD64EL0	NASDQ 5309TL OPENZ	EUR	14,2150	14,2150	14,2150			14,2150					
Certificate	NL0013184369	NASDQ 5354TRLOPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	DE000CY16UH0	NASDQ 5400TL OPENC	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	DE000CY16TW1	NASDQ 5400TL OPENC	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0013183304	NASDQ 5405TRLOPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	DE000CD64F50	NASDQ 5410TL OPENZ	EUR	12,6800	12,6800	12,6800			12,6800					
Certificate	NL0012112486	NASDQ 54498L OPENB	EUR	12,4650	12,4650	12,4650			12,4650					
Certificate	NL0013184542	NASDQ 5454TL OPENH	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	NL0013082332	NASDQ 5474TRLOPENH	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	DE000CY50446	NASDQ 5500TL OPENC	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	DE000CY16XY9	NASDQ 5500TL OPENC	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0012114540	NASDQ 55038L OPENB	EUR	11,9850	11,9850	11,9850			11,9850					
Certificate	DE000CE6BHP9	NASDQ 5514TL OPENZ	EUR	11,7750	11,7750	11,7750			11,7750					
Certificate	DE000CE6BN66	NASDQ 5519TL OPENZ	EUR	12,3950	12,3950	12,3950			12,3950					
Certificate	NL0013125271	NASDQ 5566TRLOPENH	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	DE000CJ3P711	NASDQ 5600TL 0319Z	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0012260889	NASDQ 5600TL OPENB	EUR	11,5600	12,3950	11,5550	1734,0000	1		150				
Certificate	DE000CY50K88	NASDQ 5600TL OPENC	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CY50KQ1	NASDQ 5600TL OPENC	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	NL0013125263	NASDQ 5616TRLOPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CE6BMX3	NASDQ 5617TL OPENZ	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0013081532	NASDQ 5620TL OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	DE000VL9VUP2	NASDQ 5673TL OPENV	EUR	9,4250	9,4250	9,4250			9,4250					
Certificate	NL0012898613	NASDQ 5699TRLOPENH	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CY50MJ2	NASDQ 5700TL OPENC	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000CY50LK2	NASDQ 5700TL OPENC	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000CE6CH55	NASDQ 5720TL OPENZ	EUR	9,9600	9,9600	9,9600			9,9600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CF6CJF4	NASDQ 5728TL OPENZ	EUR	10,5850	10,5850	10,5850			10,5850					
Certificate	DE000CV8AC54	NASDQ 5750TL 1218Z	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0012265870	NASDQ 5750TL OPENB	EUR	10,1700	11,0550	10,1700	2034,0000	1	11,0550	200				
Certificate	NL0012265284	NASDQ 5770BL OPENB	EUR	9,6350	9,6350	9,6350			9,6350					
Certificate	NL0013083694	NASDQ 5774TRL OPENH	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	DE000CY517M7	NASDQ 5800TL OPENC	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CY51824	NASDQ 5800TL OPENC	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CY50GK2	NASDQ 5800TS OPENC	EUR											
Certificate	DE000CF6CKR7	NASDQ 5822TL OPENZ	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0012266852	NASDQ 5824BL OPENB	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	NL0013083686	NASDQ 5825TRL OPENH	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0012276992	NASDQ 5850TL OPENB	EUR	10,2350	10,2350	10,2350			10,2350					
Certificate	NL0013083678	NASDQ 5875TRL OPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	NL0012898258	NASDQ 5888TL OPENH	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000CJ3QH28	NASDQ 5900TL 0319Z	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CY51NF6	NASDQ 5900TL OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CY51LF0	NASDQ 5900TL OPENC	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012277446	NASDQ 5910TL OPENB	EUR	9,7150	9,7150	9,7150			9,7150					
Certificate	DE000CF6D8E8	NASDQ 5925TL OPENZ	EUR	8,1550	8,1550	8,1550			8,1550					
Certificate	NL0012277388	NASDQ 5930BL OPENB	EUR	8,2250	8,2250	8,2250			8,2250					
Certificate	DE000CF6DYJ3	NASDQ 5935TL OPENZ	EUR	8,7850	8,7850	8,7850			8,7850					
Certificate	DE000V9AC464	NASDQ 5938TL OPENV	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	NL0012898605	NASDQ 5952TRL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000V9AC480	NASDQ 5988TL OPENV	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	LU1876840304	NASDQ 6000TCI OPENS	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000CY52822	NASDQ 6000TL OPENC	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012498448	NASDQ 6010TL OPENB	EUR	8,8550	8,8550	8,8550			8,8550					
Certificate	NL0013083660	NASDQ 6026TRL OPENH	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CF6DYB0	NASDQ 6027TL OPENZ	EUR	7,2650	7,2650	7,2650			7,2650					
Certificate	NL0012491476	NASDQ 6034BL OPENB	EUR	7,3150	7,3150	7,3150			7,3150					
Certificate	DE000V9AC498	NASDQ 6038TL OPENV	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	LU1859907880	NASDQ 6063TCI OPENS	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0013083652	NASDQ 6076TRL OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012499487	NASDQ 6084BL OPENB	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	DE000CY51WN1	NASDQ 6100TL OPENC	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CY51W42	NASDQ 6100TL OPENC	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012925457	NASDQ 6122TL OPENH	EUR	6,6300	7,4200	6,6300	3315,0000	1	7,4200	500				
Certificate	NL0013083645	NASDQ 6126TRL OPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CF6EK41	NASDQ 6128TL OPENZ	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	DE000V9AC0A9	NASDQ 6135TL OPENV	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	DE000CF6F0G8	NASDQ 6144TL OPENZ	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	NL0012501910	NASDQ 6170TL OPENB	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	LU1859907963	NASDQ 6175TCI OPENS	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000V9AC0C5	NASDQ 6185TL OPENV	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0012504799	NASDQ 6189BL OPENB	EUR	4,9500	5,9450	4,9500	1206,6000	2	5,9450	228				
Certificate	DE000CJ3P729	NASDQ 6200TL 0319Z	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CY522K8	NASDQ 6200TL OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0012924849	NASDQ 6200TRL OPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0012505010	NASDQ 6220TL OPENB	EUR	6,2000	7,0850	6,1000	2758,0000	4	7,0850	440				
Certificate	DE000CF6F1M4	NASDQ 6228TL OPENZ	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000V9A8F006	NASDQ 6236TL OPENV	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	NL0013185689	NASDQ 6241TRL OPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0013184351	NASDQ 6245TRL OPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012925440	NASDQ 6249TL OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000V176G29	NASDQ 6250TL OPENV	EUR	2,8000	4,0050	2,8000	18101,0000	6	4,0050	5800				
Certificate	NL0013083637	NASDQ 6277TRL OPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	LU1840978008	NASDQ 6280TCI OPENS	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000V9A8F014	NASDQ 6286TL OPENV	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	NL0012507057	NASDQ 6293BL OPENB	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	DE000CQ5AGC9	NASDQ 6300TL OPENC	EUR											
Certificate	DE000CQ5AM14	NASDQ 6300TL OPENC	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0013184344	NASDQ 6325TRL OPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012925432	NASDQ 6326TL OPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000V1GKL3	NASDQ 6327TL OPENV	EUR	2,4300	3,5550	2,4250	607,5000	1	3,5550	250				
Certificate	DE000CF6FBK4	NASDQ 6330TL OPENZ	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0012508881	NASDQ 6345BL OPENB	EUR	3,6800	4,5650	3,6750	1104,0000	1	4,5650	300				
Certificate	NL0013183296	NASDQ 6346TRL OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CV8AC62	NASDQ 6350TL 1218Z	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000CV50848	NASDQ 6352TL OPENZ	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	NL0012924831	NASDQ 6353TRL OPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0013183288	NASDQ 6386TRL OPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012687149	NASDQ 6396BL OPENB	EUR	3,2000	4,1150	3,0500	69302,0000	14	4,1150	20725				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP233Q3	NASDQ 6400TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CQ5AJM2	NASDQ 6400TL OPENC	EUR											
Certificate	DE000CQ5AM22	NASDQ 6400TL OPENC	EUR											
Certificate	NL0012925424	NASDQ 6402TL OPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0013184336	NASDQ 6405TRL OPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012687453	NASDQ 6410TL OPENB	EUR	4,2700	5,3950	4,2700	93943,5000	2	5,3950	22000				
Certificate	DE000CV50780	NASDQ 6429TL OPENZ	EUR	2,6100	3,7350	2,6100	2088,0000	1	3,7350	800				
Certificate	NL0012924823	NASDQ 6429TRL OPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0013157969	NASDQ 6446BL OPENB	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	NL0012925416	NASDQ 6448TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0013158165	NASDQ 6460TL OPENB	EUR	2,8100	3,9350	2,8100	187763,6000	4	3,9350	66160				
Certificate	NL0013184328	NASDQ 6485TRL OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA90WN9	NASDQ 6495TL OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000CP07BR6	NASDQ 6500TL OPENC	EUR											
Certificate	DE000CP06YG3	NASDQ 6500TL OPENC	EUR											
Certificate	NL0013185911	NASDQ 6500TL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	NL0013184310	NASDQ 6505TRL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0013158173	NASDQ 6510TL OPENB	EUR	2,4100	3,4950	2,4050	197258,5000	7	3,4950	78050				
Certificate	NL0013184302	NASDQ 6525TRL OPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0013184294	NASDQ 6539TRSOPEH	EUR											
Certificate	NL0013184286	NASDQ 6549TRSOPEH	EUR											
Certificate	NL0013184278	NASDQ 6579TRSOPEH	EUR											
Certificate	NL0013185796	NASDQ 6580TRL OPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013184260	NASDQ 6599TRSOPEH	EUR											
Certificate	NL0013185788	NASDQ 6600TRL OPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0013184252	NASDQ 6619TRSOPEH	EUR											
Certificate	NL0013185770	NASDQ 6620TRL OPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	LU1876840486	NASDQ 6625CIOPEH	EUR											
Certificate	NL0013185762	NASDQ 6640TRL OPENH	EUR	0,8200	1,8600	0,8000	22910,0000	6	1,8600	28000				
Certificate	NL0013185119	NASDQ 6640TRSOPEH	EUR											
Certificate	NL0013183270	NASDQ 6641TRL OPENH	EUR											
Certificate	NL0012785034	NASDQ 6670TS OPENB	EUR											
Certificate	NL0013183262	NASDQ 6679TRSOPEH	EUR											
Certificate	NL0013183254	NASDQ 6699TRSOPEH	EUR											
Certificate	LU1876840569	NASDQ 6700CIOPEH	EUR											
Certificate	DE000CJ3QH02	NASDQ 6700TS 0319Z	EUR											
Certificate	NL0013156409	NASDQ 6700TS OPENB	EUR											
Certificate	DE000CP236R4	NASDQ 6700TS OPENC	EUR											
Certificate	NL0013184534	NASDQ 6700TS OPENH	EUR											
Certificate	DE000VA90R62	NASDQ 6705TS OPENV	EUR											
Certificate	DE000CJ3QGC9	NASDQ 6708TS OPENZ	EUR											
Certificate	NL0013183247	NASDQ 6719TRSOPEH	EUR											
Certificate	NL0013184245	NASDQ 6739TRSOPEH	EUR											
Certificate	NL0013184526	NASDQ 6750TS OPENH	EUR											
Certificate	DE000VA9C4W5	NASDQ 6755TS OPENV	EUR											
Certificate	NL0013184237	NASDQ 6779TRSOPEH	EUR	0,5500	0,5600	0,3500	37457,0000	19	0,3900	81800				
Certificate	DE000CJ3QE05	NASDQ 6793TS OPENZ	EUR											
Certificate	NL0013155898	NASDQ 6799BS OPENB	EUR	0,9600	0,9650	0,9600	384,0000	1	0,9650	400				
Certificate	NL0013184229	NASDQ 6799TRSOPEH	EUR	0,5000	0,5000	0,5000	250,0000	1	0,5000	500				
Certificate	NL0013155807	NASDQ 6800TS OPENB	EUR	1,0800	1,0850	1,0800	108,0000	1	1,0850	100				
Certificate	DE000CP236S2	NASDQ 6800TS OPENC	EUR											
Certificate	DE000VA9C4Z8	NASDQ 6805TS OPENV	EUR											
Certificate	DE000CJ3QEV4	NASDQ 6807TS OPENZ	EUR	0,9400	0,9400	0,4900	32772,5000	12	0,4900	46000				
Certificate	NL0013184211	NASDQ 6819TRSOPEH	EUR	0,7900	1,0000	0,1400	53300,0000	14	0,1400	63000				
Certificate	NL0013183650	NASDQ 6820TS OPENH	EUR											
Certificate	NL0013183239	NASDQ 6839TRSOPEH	EUR	0,1600	0,1600	0,1600	176,0000	1	0,1600	1100				
Certificate	DE000VA2T5R0	NASDQ 6855TL OPENV	EUR											
Certificate	DE000VA9C415	NASDQ 6855TS OPENV	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0013182538	NASDQ 6878TRSOPEH	EUR	1,3700	1,5500	0,4000	11808,0000	16	0,4000	9000				
Certificate	NL0013183643	NASDQ 6880TS OPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013155229	NASDQ 6899BS OPENB	EUR	1,6800	1,7800	0,6750	36577,0000	10	0,6750	23475				
Certificate	NL0013153695	NASDQ 6900TS OPENB	EUR	2,3500	2,3550	1,2150	352,5000	1	1,2150	150				
Certificate	DE000CP233R1	NASDQ 6900TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VA9C431	NASDQ 6905TS OPENV	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CJ3QEW2	NASDQ 6907TS OPENZ	EUR	1,8300	1,8300	0,7050	183,0000	1	0,7050	100				
Certificate	NL0013133952	NASDQ 6915TRSOPEH	EUR	1,7200	1,7200	0,7200	9656,1000	12	0,7300	7530				
Certificate	NL0013016934	NASDQ 6930TS OPENB	EUR											
Certificate	NL0013133945	NASDQ 6935TRSOPEH	EUR	1,8600	1,9800	0,8900	768,0000	2	0,8900	400				
Certificate	NL0013133937	NASDQ 6945TRSOPEH	EUR	1,9900	1,9900	0,9800	3810,0000	2	0,9800	2000				
Certificate	DE000VA2T5T6	NASDQ 6955TL OPENV	EUR											
Certificate	DE000VA9C456	NASDQ 6955TS OPENV	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013133929	NASDQ 6975TRSOPEH	EUR	1,2400	1,2400	1,2400			1,2400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89DW8	NASDQ 69979TL OPENZ	EUR											
Certificate	NL0013133911	NASDQ 69957RSOPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0013134208	NASDQ 69987S OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013134711	NASDQ 69998S OPENB	EUR	2,5500	2,7550	1,5650	9903,4000	8	1,5650	3900				
Certificate	DE000CQ58EY6	NASDQ 70007L OPENC	EUR											
Certificate	DE000CQ58NN0	NASDQ 70007L OPENC	EUR											
Certificate	DE000CQ58F55	NASDQ 70007L OPENC	EUR											
Certificate	DE000CJ3QBN7	NASDQ 70007S 0319Z	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CP236T0	NASDQ 70007S OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CP233S9	NASDQ 70007S OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000VA9CZ41	NASDQ 70057S OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CJ3QBL1	NASDQ 70067S OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0013152507	NASDQ 70107S OPENB	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	NL0013133333	NASDQ 70317RSOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0013133325	NASDQ 70417RSOPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CJ3QB16	NASDQ 70427S OPENZ	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0013134190	NASDQ 70487S OPENH	EUR	4,0000	4,0000	3,0800	1200,0000	1	3,0800	300				
Certificate	DE000CJ3PNV7	NASDQ 70527S OPENZ	EUR											
Certificate	DE000VA9CZ58	NASDQ 70557S OPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000VA8FOV3	NASDQ 70667S OPENV	EUR											
Certificate	NL0013133317	NASDQ 70717RSOPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CV880H2	NASDQ 70717S OPENZ	EUR											
Certificate	NL0013133309	NASDQ 70917RSOPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0013152127	NASDQ 70988S OPENB	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	NL0013012545	NASDQ 71007L OPENB	EUR											
Certificate	DE000CQ58JM0	NASDQ 71007L OPENC	EUR											
Certificate	DE000CQ58NP5	NASDQ 71007L OPENC	EUR											
Certificate	LU1876844041	NASDQ 71007PIOPENS	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CJ3QAQ2	NASDQ 71047S OPENZ	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	DE000VA9CZ74	NASDQ 71057S OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0013152515	NASDQ 71107S OPENB	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	NL0013133291	NASDQ 71117RSOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013134182	NASDQ 71187S OPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013133283	NASDQ 71317RSOPENH	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0013133275	NASDQ 71417RSOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000VA9CZ90	NASDQ 71557S OPENV	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	NL0013133267	NASDQ 71717RSOPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0013016298	NASDQ 71958S OPENB	EUR	4,4200	4,4200	3,2950	221,0000	1	3,2950	50				
Certificate	DE000CQ58UE4	NASDQ 72007L OPENC	EUR											
Certificate	LU1876844124	NASDQ 72007PIOPENS	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CP233T7	NASDQ 72007S OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0013085525	NASDQ 72017RSOPENH	EUR	4,1800	4,1800	3,1900	5637,0000	2	3,1900	1350				
Certificate	DE000CJ3P844	NASDQ 72017S OPENZ	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0013016967	NASDQ 72107S OPENB	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	NL0013132996	NASDQ 72147S OPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA8FUX4	NASDQ 72167S OPENV	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0013085517	NASDQ 72217RSOPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0013084551	NASDQ 72617RSOPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VA8FU02	NASDQ 72667S OPENV	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	NL0012928220	NASDQ 72687RLOPENH	EUR											
Certificate	NL0013085251	NASDQ 72697S OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0013085855	NASDQ 72817RSOPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012928212	NASDQ 72887RLOPENH	EUR											
Certificate	DE000CJ3PH20	NASDQ 72917S OPENZ	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	NL0013008535	NASDQ 72958S OPENB	EUR	5,2000	5,3550	4,1750	1439,7100	3	4,1750	273				
Certificate	DE000CJ3P752	NASDQ 73007S 0319Z	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	DE000CJ3PE63	NASDQ 73017S OPENZ	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	NL0013131477	NASDQ 73107RSOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000VA71L04	NASDQ 73157S OPENV	EUR	4,1250	4,1250	4,1250			4,1250					
Certificate	NL0013081052	NASDQ 73207RSOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0013009517	NASDQ 73207S OPENB	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0013081508	NASDQ 73397S OPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0013083496	NASDQ 73607RSOPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	LU1840975160	NASDQ 73657PIOPENS	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000VA71L20	NASDQ 73657S OPENV	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	NL0013008543	NASDQ 73948S OPENB	EUR	6,1900	6,1950	5,0550	464,2500	1	5,0550	75				
Certificate	NL0013079817	NASDQ 73997RSOPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	LU1876844397	NASDQ 74007PIOPENS	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CP07BU0	NASDQ 74007S OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CP06VE4	NASDQ 74007S OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CJ3N778	NASDQ 74007S OPENZ	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0013081490	NASDQ 74097S OPENH	EUR	6,3300	6,3300	6,3300			6,3300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71L46	NASDQ 7415TS OPENV	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	NL0013084544	NASDQ 7420TRSOPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0013009525	NASDQ 7420TS OPENB	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	NL0013078520	NASDQ 7429TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000CJ3N6D4	NASDQ 7450TS 1218Z	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0013086861	NASDQ 7461TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000VA71L61	NASDQ 7465TS OPENV	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0013081482	NASDQ 7469TS OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0013078173	NASDQ 7478TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0013008550	NASDQ 7494BS OPENB	EUR	5,9350	5,9350	5,9350			5,9350					
Certificate	DE000CJ3N2J0	NASDQ 7499TS OPENZ	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	LU1876844470	NASDQ 7500TPIOPENS	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000CP07BV8	NASDQ 7500TS OPENC	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CP06VF1	NASDQ 7500TS OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VA77DT1	NASDQ 7515TS OPENV	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	NL0013078165	NASDQ 7518TRSOPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0013007131	NASDQ 7520TS OPENB	EUR	6,6550	6,6550	6,6550			6,6550					
Certificate	NL0013080005	NASDQ 7540TS OPENH	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CJ3N6S2	NASDQ 7541TS OPENZ	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0013078157	NASDQ 7558TRSOPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000VA77A68	NASDQ 7565TS OPENV	EUR	6,3350	6,3350	6,3350			6,3350					
Certificate	NL0013084536	NASDQ 7580TRSOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0013079130	NASDQ 7590TS OPENH	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0013006869	NASDQ 7594BS OPENB	EUR	6,8150	6,8150	6,8150			6,8150					
Certificate	DE000CJ3N0L0	NASDQ 7599TS OPENZ	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CJ3P760	NASDQ 7600TS 0319Z	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CP07BW6	NASDQ 7600TS OPENC	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CP069C1	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP06YJ7	NASDQ 7600TS OPENC	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CP069T5	NASDQ 7600TS OPENC	EUR											
Certificate	DE000VA77A76	NASDQ 7615TS OPENV	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	NL0013078140	NASDQ 7618TRSOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA7PWH4	NASDQ 7665TS OPENV	EUR	7,2150	7,2150	7,2150			7,2150					
Certificate	LU1840975244	NASDQ 7675TPIOPENS	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0012890362	NASDQ 7681TRSOPENH	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0012924997	NASDQ 7689TS OPENH	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	NL0012980098	NASDQ 7694BS OPENB	EUR	7,6950	7,6950	7,6950			7,6950					
Certificate	DE000CV4Z9S6	NASDQ 7699TS OPENZ	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	LU1876844553	NASDQ 7700TPIOPENS	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0012890354	NASDQ 7701TRSOPENH	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	NL0012924377	NASDQ 7710TRSOPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012924989	NASDQ 7719TS OPENH	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0013005416	NASDQ 7720TS OPENB	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	NL0012890347	NASDQ 7741TRSOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000VA2T5M1	NASDQ 7741TS OPENV	EUR	7,6550	7,6550	7,6550			7,6550					
Certificate	DE000CJ3NZ11	NASDQ 7750TS 1218Z	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0012892962	NASDQ 7763TRSOPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0012900658	NASDQ 7767TS OPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012924369	NASDQ 7785TRSOPENH	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000VA2T5N9	NASDQ 7791TS OPENV	EUR	8,0950	8,0950	8,0950			8,0950					
Certificate	DE000CV4YU90	NASDQ 7792TS OPENZ	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	NL0012983860	NASDQ 7794BS OPENB	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	NL0012924971	NASDQ 7794TS OPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	DE000CQ5AC81	NASDQ 7800TS OPENC	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000CQ5BFU1	NASDQ 7800TS OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CQ5BQE2	NASDQ 7800TS OPENC	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	DE000CV4ZB19	NASDQ 7802TS OPENZ	EUR	9,4800	9,4900	8,5300	379,6000	1	8,5300	40				
Certificate	NL0012900856	NASDQ 7810TRSOPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	NL0012984041	NASDQ 7820TS OPENB	EUR	10,7950	10,7950	10,7950			10,7950					
Certificate	NL0012894018	NASDQ 7823TS OPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000VA2T5P4	NASDQ 7841TS OPENV	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	NL0012892954	NASDQ 7843TRSOPENH	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	NL0012892947	NASDQ 7862TRSOPENH	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0012894000	NASDQ 7863TS OPENH	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0012892939	NASDQ 7882TRSOPENH	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	NL0012893994	NASDQ 7883TS OPENH	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000VA4RNH6	NASDQ 7885TS OPENV	EUR	8,9750	8,9750	8,9750			8,9750					
Certificate	NL0012892921	NASDQ 7902TRSOPENH	EUR	10,4400	10,4400	9,3600	1566,0000	2	9,3600	150				
Certificate	DE000CV4ZJG7	NASDQ 7904TS OPENZ	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012924963	NASDQ 7919TS OPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	NL0012676852	NASDQ 7920TS OPENB	EUR	11,7250	11,7250	11,7250			11,7250					
Certificate	NL0012924351	NASDQ 7935TRSOPENH	EUR	9,6400	9,6400	9,6400			9,6400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3EB68	NASDQ 79837S OPENV	EUR	9,4250	9,4250	9,4250			9,4250					
Certificate	NL0012892913	NASDQ 79627RSOPENH	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	NL0012893986	NASDQ 79637S OPENH	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012893457	NASDQ 79827RSOPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0012893978	NASDQ 79837S OPENH	EUR	12,5200	12,5200	11,4600	4234,0000	2	11,4600	350				
Certificate	NL0012677405	NASDQ 79878S OPENB	EUR	10,2850	10,2850	10,2850			10,2850					
Certificate	DE000CV429X6	NASDQ 79917S OPENZ	EUR	11,2050	11,2050	11,2050			11,2050					
Certificate	DE000CV52GG6	NASDQ 80007S OPENC	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CP063E0	NASDQ 80007S OPENC	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CV52S88	NASDQ 80007S OPENC	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CQ5B8UG9	NASDQ 80007S OPENC	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	NL0012894562	NASDQ 80047S OPENH	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	DE000CV42KZ5	NASDQ 80077S OPENZ	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	NL0012892905	NASDQ 80127RSOPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	NL0012992481	NASDQ 80207S OPENB	EUR	12,6250	12,6250	12,6250			12,6250					
Certificate	LU1790486127	NASDQ 80277PIOPENS	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	NL0012893960	NASDQ 80337S OPENH	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000VA4YRX0	NASDQ 80347S OPENV	EUR	10,2950	10,2950	10,2950			10,2950					
Certificate	DE000CV8AC88	NASDQ 80507S 1218Z	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0013079544	NASDQ 80587RSOPENH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0012892897	NASDQ 80627RSOPENH	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	NL0012894554	NASDQ 80647S OPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0012893952	NASDQ 80837S OPENH	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	DE000VA4YRY8	NASDQ 80847S OPENV	EUR	10,7450	10,7450	10,7450			10,7450					
Certificate	NL0012992226	NASDQ 80888S OPENB	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	NL0012894547	NASDQ 81047S OPENH	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000CV4ZPF6	NASDQ 81097S OPENZ	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012993406	NASDQ 81107S OPENB	EUR	13,4450	13,4450	13,4450			13,4450					
Certificate	NL0012892889	NASDQ 81127RSOPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000VA4Y1M1	NASDQ 81327S OPENV	EUR	11,1850	11,1850	11,1850			11,1850					
Certificate	NL0012893945	NASDQ 81337S OPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0012892871	NASDQ 81627RSOPENH	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	NL0012894539	NASDQ 81647S OPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	DE000VA4Y1N9	NASDQ 81827S OPENV	EUR	11,6250	11,6250	11,6250			11,6250					
Certificate	NL0012893937	NASDQ 81837S OPENH	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0012994362	NASDQ 81888S OPENB	EUR	12,0450	12,0450	12,0450			12,0450					
Certificate	DE000CV4ZLC2	NASDQ 81917S OPENZ	EUR	13,0050	13,0050	13,0050			13,0050					
Certificate	NL0013003189	NASDQ 82007S OPENB	EUR	12,7850	12,7850	12,7850			12,7850					
Certificate	DE000CP061P0	NASDQ 82007S OPENC	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000CP063F7	NASDQ 82007S OPENC	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	NL0012894521	NASDQ 82047S OPENH	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000CV4ZPY7	NASDQ 82117S OPENZ	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0012892863	NASDQ 82127RSOPENH	EUR	12,0500	12,0500	12,0500			12,0500					
Certificate	DE000VASRM35	NASDQ 82267S OPENV	EUR	12,1050	12,1050	12,1050			12,1050					
Certificate	NL0012893929	NASDQ 82337S OPENH	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	NL0012892855	NASDQ 82627RSOPENH	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	NL0012894513	NASDQ 82647S OPENH	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	DE000VASRM43	NASDQ 82767S OPENV	EUR	12,5450	12,5450	12,5450			12,5450					
Certificate	NL0012893911	NASDQ 82837S OPENH	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	NL0012894505	NASDQ 83047S OPENH	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	LU1817097402	NASDQ 83087PIOPENS	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0012892848	NASDQ 83117RSOPENH	EUR	12,9700	12,9700	12,9700			12,9700					
Certificate	NL0012893903	NASDQ 83337S OPENH	EUR	14,6100	14,6100	14,6100			14,6100					
Certificate	DE000CV8AC96	NASDQ 83507S 1218Z	EUR	13,3500	13,3500	13,3500			13,3500					
Certificate	NL0012892830	NASDQ 83617RSOPENH	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0012894497	NASDQ 83647S OPENH	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	DE000VAD6393	NASDQ 83717S OPENV	EUR	13,3850	13,3850	13,3850			13,3850					
Certificate	NL0012893895	NASDQ 83837S OPENH	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	DE000CV4ZQ53	NASDQ 83927S OPENZ	EUR	14,7950	14,7950	14,7950			14,7950					
Certificate	DE000CP061Q8	NASDQ 84007S OPENC	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	DE000CP063G5	NASDQ 84007S OPENC	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012894489	NASDQ 84047S OPENH	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0012892822	NASDQ 84117RSOPENH	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000CV8B5F5	NASDQ 84137S OPENZ	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	DE000VAD64A3	NASDQ 84217S OPENV	EUR	14,8900	13,8250	13,8250	744,5000	1	13,8250	50				
Certificate	NL0012892814	NASDQ 84617RSOPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0012893887	NASDQ 84837S OPENH	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	DE000CJ3P778	NASDQ 85007S 0319Z	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	DE000CQ58BAZ1	NASDQ 85007S OPENC	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	DE000CQ58BNR1	NASDQ 85007S OPENC	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	NL0012892806	NASDQ 85117RSOPENH	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	NL0012892798	NASDQ 85617RSOPENH	EUR	15,1500	15,1500	15,1500			15,1500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012893879	NASDQ 8583TS OPENH	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	NL0012892780	NASDQ 8611TRSOPENH	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	DE000CV8BAV7	NASDQ 8613TS OPENZ	EUR	15,6800	15,6800	15,6800			15,6800					
Certificate	DE000CV8B6V0	NASDQ 8640TS OPENZ	EUR	17,0100	17,0100	17,0100			17,0100					
Certificate	NL0012892772	NASDQ 8661TRSOPENH	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	NL0012893861	NASDQ 8683TS OPENH	EUR	17,7300	17,7300	17,7300			17,7300					
Certificate	NL0013003916	NASDQ 8700TS OPENB	EUR	17,1750	17,1750	17,1750			17,1750					
Certificate	DE000CV8BAW5	NASDQ 8713TS OPENZ	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012895635	NASDQ 8714TRSOPENH	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	NL0012893853	NASDQ 8783TS OPENH	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	DE000CV8BAX3	NASDQ 8813TS OPENZ	EUR	17,4400	17,4400	17,4400			17,4400					
Certificate	NL0012895627	NASDQ 8814TRSOPENH	EUR	17,4000	17,4000	17,4000			17,4000					
Certificate	DE000CV87KA3	NASDQ 8892TS OPENZ	EUR	19,2750	19,2750	19,2750			19,2750					
Certificate	NL0012895619	NASDQ 8914TRSOPENH	EUR	18,2800	18,2800	18,2800			18,2800					
Certificate	DE000CV87QJ1	NASDQ 8922TS OPENZ	EUR	18,4100	18,4100	18,4100			18,4100					
Certificate	DE000CV8ACA9	NASDQ 8950TS 1218Z	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	NL0012898225	NASDQ 8986TS OPENH	EUR	20,5000	20,5000	20,5000			20,5000					
Certificate	DE000CP061R6	NASDQ 9000TS OPENC	EUR	18,7700	18,7700	18,7700			18,7700					
Certificate	DE000CP063H3	NASDQ 9000TS OPENC	EUR	19,9200	19,9200	19,9200			19,9200					
Certificate	NL0012895601	NASDQ 9014TRSOPENH	EUR	19,1600	19,1600	19,1600			19,1600					
Certificate	DE000CJ3P786	NASDQ 9100TS 0319Z	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	NL0012895593	NASDQ 9114TRSOPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0012898217	NASDQ 9186TS OPENH	EUR	22,3000	22,3000	22,3000			22,3000					
Certificate	NL0012895585	NASDQ 9213TRSOPENH	EUR	20,9300	20,9300	20,9300			20,9300					
Certificate	NL0012905822	NASDQ 9238TS OPENH	EUR	22,7800	22,7800	22,7800			22,7800					
Certificate	NL0012898761	NASDQ 9265TRSOPENH	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	NL0012905814	NASDQ 9288TS OPENH	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	NL0012895577	NASDQ 9313TRSOPENH	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	NL0012905806	NASDQ 9338TS OPENH	EUR	23,6800	23,6800	23,6800			23,6800					
Certificate	NL0012901367	NASDQ 9369TRSOPENH	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0012905798	NASDQ 9388TS OPENH	EUR	24,1100	24,1100	24,1100			24,1100					
Certificate	DE000CV87YE6	NASDQ 9389TS OPENZ	EUR	23,7150	23,7150	23,7150			23,7150					
Certificate	NL0012895569	NASDQ 9413TRSOPENH	EUR	22,6800	22,6800	22,6800			22,6800					
Certificate	NL0012905780	NASDQ 9438TS OPENH	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	NL0012905707	NASDQ 9473TRSOPENH	EUR	23,2000	23,2000	23,2000			23,2000					
Certificate	NL0012905772	NASDQ 9488TS OPENH	EUR	25,0100	25,0100	25,0100			25,0100					
Certificate	DE000CV8B6M9	NASDQ 9550TS 1218Z	EUR	23,9100	23,9100	23,9100			23,9100					
Certificate	DE000CV8B482	NASDQ 9726TS OPENZ	EUR	25,4900	25,4900	25,4900			25,4900					
Certificate	DE000CV8AQW3	NASDQ 9881TS OPENZ	EUR	28,1100	28,1100	28,1100			28,1100					
Certificate	NL0009336700	NAT INFL 0%28FEB20	EUR											
Certificate	NL0009336783	NAT R8 0%04MCH20	EUR											
Certificate	NL0009336684	NAT VAST 0%28FEB20	EUR											
Certificate	NL0009336767	NAT ZERO 0%31DEC19	EUR											
Certificate	DE000VN61Y22	NDX LEVOPENV	EUR	6,4000	7,6550	6,3000	4672,0000	6	7,6550	700				
Certificate	DE000VN61Y14	NDX LEVOPENV	EUR	24,0150	24,0150	24,0150			24,0150					
Certificate	DE000VN61Y30	NDX LEVOPENV	EUR	0,4800	0,5750	0,4700	929,7000	4	0,5750	1960				
Certificate	DE000VN61Y63	NDX SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VL51274	NDX SHROPENV	EUR											
Certificate	DE000VA23419	NDX SHROPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VA23401	NDX SHROPENV	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VN61Y55	NDX SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61Y48	NDX SHROPENV	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	NL0013154206	NDXG 5.76TL OPENB	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0013153935	NDXG 5.89BL OPENB	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0013153745	NDXG 6.26TL OPENB	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0013153000	NDXG 6.38BL OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013152572	NDXG 6.76TL OPENB	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0013152168	NDXG 6.88BL OPENB	EUR	1,9000	1,9000	1,9000	1140,0000	1	1,9000	600				
Certificate	NL0013156524	NDXG 7.26TL OPENB	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013156698	NDXG 7.39BL OPENB	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013157076	NDXG 7.76TL OPENB	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013153612	NDXG 7.85BS OPENB	EUR											
Certificate	NL0013156995	NDXG 7.89BL OPENB	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013153844	NDXG 7.99TS OPENB	EUR											
Certificate	NL0013152309	NDXG 8.86BS OPENB	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0013152762	NDXG 8.99TS OPENB	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013148950	NDXG 9.86BS OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0013149388	NDXG 9.99TS OPENB	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013149958	NDXG 10.85BS OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013150279	NDXG 10.99TS OPENB	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0009071653	NESTL 20.7TL OPENB	EUR	58,0450	58,0450	58,0450			58,0450					
Certificate	NL0009179050	NESTL 29.9TL OPENB	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010044145	NESTL 43.4TL OPENB	EUR	39,3050	39,3050	39,3050			39,3050					
Certificate	NL0010112504	NESTL 46.7TL OPENB	EUR	36,5950	36,5950	36,5950			36,5950					
Certificate	NL0010130415	NESTL 51.8TL OPENB	EUR	32,3750	32,3750	32,3750			32,3750					
Certificate	NL0010894697	NESTL 55.4TL OPENB	EUR	29,4350	29,4350	29,1650			29,1650					
Certificate	NL0010520169	NESTL 58.1TL OPENB	EUR	27,2050	27,2050	27,2050			27,2050					
Certificate	NL0011426820	NESTL 64.3TL OPENB	EUR	22,0950	22,0950	21,8250			21,8250					
Certificate	NL0012118814	NESTL 71.2TL OPENB	EUR	16,4450	16,4450	16,1850			16,1850					
Certificate	DE000CV8A849	NESTL 77.2TL OPENZ	EUR	7,1600	7,1600	6,9400			6,9400					
Certificate	NL0013014475	NESTL 78.4TL OPENB	EUR	10,4650	10,4650	10,1950			10,1950					
Certificate	NL0012993554	NESTL 89.6TS OPENB	EUR	10,7450	11,0050	10,7450			11,0050					
Certificate	NL0013146137	NESTL 94.6TS OPENB	EUR	15,5650	15,8250	15,5650			15,8250					
Certificate	DE000CV89AS2	NESTL47.23TL OPENZ	EUR	33,6800	33,6800	33,4400			33,4400					
Certificate	DE000CR1JPQ9	NESTL57.35TL OPENZ	EUR	2,4700	2,4700	2,4450	269,5000	1	2,4450	110				
Certificate	DE000CR6X5G7	NESTL62.76TL OPENZ	EUR	1,9900	1,9900	1,9650			1,9650					
Certificate	DE000CB9YK73	NESTL67.27TL OPENZ	EUR	1,5900	1,5900	1,5650			1,5650					
Certificate	NL0013129760	NETEA 202TL OPENH	EUR	3,6700	3,6700	3,5500			3,5500					
Certificate	NL0013180656	NETEA 208TL OPENH	EUR	3,2000	3,2000	3,0900			3,0900					
Certificate	NL0013181845	NETEA 214TL OPENH	EUR	2,7000	2,7000	2,5900			2,5900					
Certificate	NL0013185424	NETEA 220TL OPENH	EUR	2,2300	2,2300	2,1200			2,1200					
Certificate	NL0013182405	NETEA 222TL OPENH	EUR											
Certificate	NL0013186133	NETEA 224TL OPENH	EUR	1,8700	1,8700	1,7200			1,7200					
Certificate	NL0013185036	NETEA 228TL OPENH	EUR											
Certificate	NL0013185416	NETEA 235TS OPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013183817	NETEA 238TS OPENH	EUR											
Certificate	NL0013183809	NETEA 252TS OPENH	EUR	3,4500	3,4700	3,4500			3,4700					
Certificate	NL0013132616	NETEA 285TS OPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CV8AXU3	NETEA 149.TL OPENZ	EUR	1,5850	1,5850	1,5650			1,5650					
Certificate	NL0013128499	NETEA 194.TL OPENH	EUR	4,3300	4,3300	4,2200			4,2200					
Certificate	NL0013124563	NETEA170.2TL OPENH	EUR	6,3400	6,3400	6,2100			6,2100					
Certificate	DE000CV8AT71	NETEA170.2TL OPENZ	EUR	1,2350	1,2350	1,2050			1,2050					
Certificate	NL0013125719	NETEA180.2TL OPENH	EUR	5,5000	5,5000	5,3700			5,3700					
Certificate	NL0012907786	NETEA185.8TL OPENH	EUR	5,0300	5,0300	4,9000			4,9000					
Certificate	NL0013126519	NETEA192.1TL OPENH	EUR	4,5000	4,5000	4,3800			4,3800					
Certificate	DE000CJ3PWK1	NETEA195.2TL OPENZ	EUR	0,7950	0,7950	0,7700	9240,0000	2	0,7750	12000				
Certificate	NL0012907711	NETEA243.7TS OPENH	EUR	2,6500	2,6800	2,6500			2,6800					
Certificate	NL0012907950	NETEA254.8TS OPENH	EUR	3,6900	3,7100	3,6900			3,7100					
Certificate	NL0012907703	NETEA269.7TS OPENH	EUR	5,1000	5,1100	5,1000			5,1100					
Certificate	DE000CN6HEM9	NEWMG15.31TL OPENZ	EUR	7,6700	7,8200	7,6700			7,8200					
Certificate	DE000CN6GBE4	NEWMG17.19TL OPENZ	EUR	6,8800	7,0400	6,8800			7,0400					
Certificate	DE000CN6JOJ9	NEWMG18.84TL OPENZ	EUR	6,1800	6,3500	6,1800			6,3500					
Certificate	DE000CN6JAR2	NEWMG22.67TL OPENZ	EUR	4,5700	4,7300	4,5700			4,7300					
Certificate	DE000CN6KTU4	NEWMG28.13TL OPENZ	EUR	2,2700	2,4500	2,2700			2,4500					
Certificate	DE000VL23R38	NG1 3 LEVOPENV	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012507388	NGAS 2.13TL OPENB	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	NL0012676597	NGAS 2.64TL OPENB	EUR	3,4000	3,6150	3,4000	23800,0000	5	3,6150	7000				
Certificate	DE000CV4ZSN4	NGAS 2.172TL OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CE6BRE2	NGAS 2.502TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV4ZQA5	NGRID5.454TL OPENZ	EUR	1,7400	1,7400	1,7200			1,7200					
Certificate	DE000CR1JPX5	NGRID6.669TL OPENZ	EUR	1,0500	1,0500	1,0400			1,0400					
Certificate	DE000CV88632	NIBC 7.4TL OPENZ	EUR	1,1600	1,1950	1,1600	5800,0000	25	1,1950	5000				
Certificate	DE000CV88608	NIBC 5.48TL OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CV88616	NIBC 6.12TL OPENZ	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000CV88624	NIBC 6.86TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CX595G6	NIKE 50TL OPENC	EUR											
Certificate	NL0011900832	NIKE 48.7TL OPENB	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CR6YBE3	NIKE 46.56TL OPENZ	EUR	4,5800	4,8700	4,5800			4,8700					
Certificate	DE000CR6YBFO	NIKE 50.36TL OPENZ	EUR	3,9100	4,2000	3,9100			4,2000					
Certificate	NL0006467656	NIKEI 4850TL OPENB	EUR	136,3000	136,3000	136,3000			136,3000					
Certificate	NL0009067875	NIKEI 6040TL OPENB	EUR	128,1100	128,1100	128,1100			128,1100					
Certificate	DE000CM32VH3	NIKEI 6490TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0009071216	NIKEI 6740TL OPENB	EUR	122,8900	122,8900	122,8900			122,8900					
Certificate	NL0009070288	NIKEI 7250TL OPENB	EUR	119,0800	119,0800	119,0800			119,0800					
Certificate	DE000CM74HE8	NIKEI 8630TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0010376992	NIKEI11140TL OPENB	EUR	90,0500	90,0500	90,0500			90,0500					
Certificate	NL0010376976	NIKEI11700TL OPENB	EUR	85,8700	85,8700	85,8700			85,8700					
Certificate	DE000CZ2GBV3	NIKEI12209TL OPENZ	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0010898698	NIKEI12680TL OPENB	EUR	78,5950	78,5950	78,5950			78,5950					
Certificate	DE000CZ2GBW1	NIKEI12784TL OPENZ	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CF3A3L7	NIKEI13319TL OPENC	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CZ2GBX9	NIKEI13358TL OPENZ	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CZ2GBY7	NIKEI13933TL OPENZ	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CX00922	NIKEI14000TL OPENC	EUR	6,7300	6,7300	6,7300			6,7300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CF80D50	NIKE114038TL OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0011805031	NIKE114420TL OPENB	EUR	65,5750	65,5750	65,5750			65,5750					
Certificate	DE000CX008W7	NIKE114500TL OPENC	EUR	5,9000	5,9000	5,9000				5,9000				
Certificate	DE000CX00930	NIKE114500TL OPENC	EUR	6,3100	6,3100	6,3100				6,3100				
Certificate	DE000CR6XNP6	NIKE115006TL OPENZ	EUR	5,7250	5,7250	5,7250				5,7250				
Certificate	DE000CR6XNQ4	NIKE115547TL OPENZ	EUR	5,3050	5,3050	5,3050				5,3050				
Certificate	NL0012262158	NIKE117430TL OPENB	EUR	43,1350	43,1350	43,1350				43,1350				
Certificate	NL0012262166	NIKE117940TL OPENB	EUR	39,2950	39,2950	39,2950				39,2950				
Certificate	NL0012262174	NIKE118460TL OPENB	EUR	35,4650	35,4650	35,4650				35,4650				
Certificate	NL0012262182	NIKE118970TL OPENB	EUR	31,6250	31,6250	31,6250				31,6250				
Certificate	NL0012512461	NIKE119470TL OPENB	EUR	2,7950	2,7950	2,7950				2,7950				
Certificate	NL0012512479	NIKE119980TL OPENB	EUR	2,4150	2,4150	2,4150				2,4150				
Certificate	DE000CY52780	NIKE120000TL OPENC	EUR	1,5000	1,5000	1,5000				1,5000				
Certificate	NL001277528	NIKE120650TL OPENB	EUR	1,9150	1,9150	1,9150				1,9150				
Certificate	NL0013157241	NIKE121150TL OPENB	EUR	1,5450	1,5450	1,5450				1,5450				
Certificate	NL0013157282	NIKE122820TS OPENB	EUR	1,1250	1,1250	1,1250				1,1250				
Certificate	NL0013157290	NIKE123320TS OPENB	EUR	1,5250	1,5250	1,5250				1,5250				
Certificate	NL0013157308	NIKE123820TS OPENB	EUR	1,9250	1,9250	1,9250				1,9250				
Certificate	NL0013157316	NIKE124320TS OPENB	EUR	2,3350	2,3350	2,3350				2,3350				
Certificate	NL0012700371	NIKE124820TS OPENB	EUR	2,7250	2,7250	2,7250				2,7250				
Certificate	DE000CY527C7	NIKE125000TS OPENC	EUR											
Certificate	NL0013157324	NIKE125320TS OPENB	EUR	3,1450	3,1450	3,1450				3,1450				
Certificate	DE000CQ5A3E7	NIKE126000TS OPENC	EUR	1,9900	1,9900	1,9900				1,9900				
Certificate	DE000VN61254	NIKKE LEVOPENV	EUR	0,3350	0,3350	0,3350				0,3350				
Certificate	DE000VN61247	NIKKE LEVOPENV	EUR	1,6300	1,6300	1,6300				1,6300				
Certificate	DE000VN61239	NIKKE LEVOPENV	EUR	9,8200	9,8200	9,8200				9,8200				
Certificate	DE000VA54513	NIKKE SHROPENV	EUR	2,1850	2,1850	2,1850				2,1850				
Certificate	DE000VN61288	NIKKE SHROPENV	EUR	0,0010	0,0010	0,0010				0,0010				
Certificate	DE000VA54505	NIKKE SHROPENV	EUR	3,0050	3,0050	3,0050				3,0050				
Certificate	DE000VN61262	NIKKE SHROPENV	EUR	0,4250	0,4250	0,4250				0,4250				
Certificate	DE000VN61270	NIKKE SHROPENV	EUR	0,0350	0,0350	0,0350				0,0350				
Certificate	NL0000451920	NIKKEI CT OPENN	EUR	17,2300	17,2300	17,2300				17,2300				
Certificate	DE000CJ3QC98	NINTE21806TL OPENZ	EUR	2,0450	2,1000	2,0450				2,1000				
Certificate	DE000CV8A5R1	NINTE25806TL OPENZ	EUR	1,4750	1,5300	1,4750				1,5300				
Certificate	DE000CJ3QKV1	NINTE29806TL OPENZ	EUR	0,8850	0,9500	0,8850				0,9500				
Certificate	DE000CV8A5S9	NINTE30089TL OPENZ	EUR											
Certificate	DE000CJ3NMU6	NINTE38564TL OPENZ	EUR											
Certificate	DE000CV8B6B2	NINTE38703TL OPENZ	EUR											
Certificate	NL0011232475	NIYZ 12321TRLOPENH	EUR	7,7700	7,7700	7,7700				7,7700				
Certificate	NL0011232467	NIYZ 14545TRLOPENH	EUR	6,0500	6,0500	6,0500				6,0500				
Certificate	NL0011231865	NIYZ 24870TS OPENH	EUR	3,1800	3,1800	3,1800				3,1800				
Certificate	NL0011231857	NIYZ 26730TS OPENH	EUR	4,7200	4,7200	4,7200				4,7200				
Certificate	DE000CY51FZ0	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY51MC5	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CX0KT17	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY514V5	NKOYJ 5TL OPENC	EUR											
Certificate	DE000CY517D6	NKOYJ 5TL OPENC	EUR											
Certificate	NL0013156904	NKOYJ 5TS OPENB	EUR											
Certificate	DE000CY51TR8	NKOYJ 5TS OPENC	EUR											
Certificate	DE000CY52MQ3	NKOYJ 5TS OPENC	EUR											
Certificate	NL0012681613	NKOYJ 6TS OPENB	EUR											
Certificate	DE000CY517F1	NKOYJ 6TS OPENC	EUR	0,8100	0,8100	0,8100				0,8100				
Certificate	DE000CX0KTV3	NKOYJ 6TS OPENC	EUR											
Certificate	DE000CY514X1	NKOYJ 6TS OPENC	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	NL0012512206	NKOYJ 3.2TL OPENB	EUR											
Certificate	DE000CY51WJ9	NKOYJ 3.5TL OPENC	EUR	1,4800	1,4800	1,4800				1,4800				
Certificate	DE000CY51TQ0	NKOYJ 3.5TL OPENC	EUR	1,3900	1,3900	1,3900				1,3900				
Certificate	NL0012680623	NKOYJ 3.7TL OPENB	EUR	1,5500	1,5500	1,5450	1550,0000	1	1,5450	1000				
Certificate	NL0012782783	NKOYJ 4.3TL OPENB	EUR											
Certificate	DE000CY517C8	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CX0KTU5	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY514U7	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY522S4	NKOYJ 4.5TS OPENC	EUR											
Certificate	DE000CY51V43	NKOYJ 4.6TS OPENC	EUR											
Certificate	DE000CY51WK7	NKOYJ 4.8TS OPENC	EUR											
Certificate	DE000CY514W3	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CX0KTV1	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY517E4	NKOYJ 5.5TS OPENC	EUR											
Certificate	NL0012979363	NKOYJ 6.9TS OPENB	EUR											
Certificate	DE000C8ABQ0	NKOYJ 7.3TS OPENC	EUR											
Certificate	DE000CN6LF81	NKOYJ 3.37TL OPENZ	EUR	1,5200	1,5200	1,4850				1,4850				
Certificate	DE000CY52A96	NKOYJ 3.75TL OPENC	EUR	1,1400	1,1400	1,1400				1,1400				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY52R6	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52R63	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52111	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52W74	NKOYJ 4.25TL OPENC	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CY52AA2	NKOYJ 4.25TS OPENC	EUR											
Certificate	DE000CY51CT0	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51AZ1	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51B05	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51CU8	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51G00	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51MD3	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CD63F12	NKOYJ3.017TL OPENZ	EUR	1,8800	1,8800	1,8450			1,8450					
Certificate	DE000CF3AL28	NKOYJ3.701TL OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CD63U29	NKOYJ3.721TL OPENZ	EUR	1,1700	1,1700	1,1450			1,1450					
Certificate	DE000CV4ZUS9	NKOYJ4.022TL OPENZ	EUR	0,8700	0,8700	0,8450			0,8450					
Certificate	NL0012984298	NKOYJ4.082BL OPENB	EUR											
Certificate	DE000CJ3N8L3	NKOYJ4.317TL OPENZ	EUR	0,5800	0,5800	0,5550			0,5550					
Certificate	NL0012977631	NKOYJ4.334BL OPENB	EUR											
Certificate	NL0013017593	NKOYJ4.584BL OPENB	EUR											
Certificate	DE000CJ3PQX6	NKOYJ4.662TL OPENZ	EUR	0,2500	0,2500	0,2150			0,2150					
Certificate	NL0013147358	NKOYJ4.832BL OPENB	EUR											
Certificate	NL0013156748	NKOYJ5.013BS OPENB	EUR											
Certificate	NL0012977862	NKOYJ5.513BS OPENB	EUR											
Certificate	DE000CV87SN9	NKOYJ5.698TS OPENZ	EUR	0,8300	0,8650	0,8300			0,8650					
Certificate	NL0013147556	NKOYJ6.013BS OPENB	EUR											
Certificate	DE000CV89911	NKOYJ6.194TS OPENZ	EUR	1,3200	1,3550	1,3200			1,3550					
Certificate	NL0011086947	NNGRP 19TL OPENB	EUR	20,2450	20,2450	20,2450			20,2450					
Certificate	DE000CY16L49	NNGRP 25TL OPENC	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CY51782	NNGRP 28TL OPENC	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	DE000CY51451	NNGRP 28TL OPENC	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	DE000CY520Y6	NNGRP 29TL OPENC	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CY514T9	NNGRP 30TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CY51790	NNGRP 30TL OPENC	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000CY522P0	NNGRP 31TL OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CY520Z3	NNGRP 31TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CY517A2	NNGRP 32TL OPENC	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CY51AY4	NNGRP 32TL OPENC	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000CY51CQ6	NNGRP 33TL OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CY52103	NNGRP 33TL OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CY51H74	NNGRP 34TL OPENC	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CP06KP3	NNGRP 34TL OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CY51KH8	NNGRP 34TL OPENC	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000CP06GT4	NNGRP 35TL OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CQ5BPR6	NNGRP 35TL OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CQ5ATE8	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5AHU9	NNGRP 35TL OPENC	EUR											
Certificate	DE000CP06ZQ6	NNGRP 35TL OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CP06KV1	NNGRP 36TL OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CQ5AQ36	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP235H7	NNGRP 38TS OPENC	EUR											
Certificate	NL0012648430	NNGRP 40B0C0619Z	EUR	39,0850	39,0850	39,0850			39,0850					
Certificate	DE000CP06U74	NNGRP 40TS OPENC	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012649107	NNGRP 42B0C0619Z	EUR	40,9300	40,9300	40,9300			40,9300					
Certificate	DE000CY52C03	NNGRP 43TS OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CY52R55	NNGRP 44TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CQ5B3N7	NNGRP 44TS OPENC	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000CQ5ATF5	NNGRP 45TS OPENC	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CP064Z3	NNGRP 45TS OPENC	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CQ5AX52	NNGRP 46TS OPENC	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012780142	NNGRP 40.85 OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0011907548	NNGRP 20.48L OPENB	EUR	17,7250	17,7250	17,7250			17,7250					
Certificate	DE000CD625G5	NNGRP 21.4TL OPENZ	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CD62QM6	NNGRP 22.9TL OPENZ	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CY16HR6	NNGRP 27.5TL OPENC	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0012275135	NNGRP 28.8BL OPENB	EUR	9,3550	9,3550	9,3550			9,3550					
Certificate	NL0012494249	NNGRP 31.9BL OPENB	EUR	6,2550	6,2550	6,2550			6,2550					
Certificate	NL0012795751	NNGRP 40.5B0C0919Z	EUR	37,9400	37,9400	37,9400			37,9400					
Certificate	NL0011228390	NNGRP13.62TL OPENH	EUR	2,6000	2,6000	2,5700			2,5700					
Certificate	NL0011228382	NNGRP15.74TL OPENH	EUR	2,4100	2,4100	2,3800			2,3800					
Certificate	NL0011904743	NNGRP16.86TL OPENB	EUR	22,2350	22,2350	22,2350			22,2350					
Certificate	NL0011228374	NNGRP17.87TL OPENH	EUR	2,2100	2,2100	2,1800			2,1800					
Certificate	NL0011228366	NNGRP18.92TL OPENH	EUR	2,1200	2,1200	2,0900			2,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011926969	NNGRP19.73TL OPENH	EUR	2,0400	2,0400	2,0100			2,0100					
Certificate	DE000CR4HHV4	NNGRP19.84TL OPENZ	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0011934807	NNGRP20.73TL OPENH	EUR	1,9500	1,9500	1,9200			1,9200					
Certificate	NL0011971262	NNGRP22.24TL OPENH	EUR	1,8200	1,8200	1,7800			1,7800					
Certificate	NL0011918453	NNGRP22.52BL OPENB	EUR	15,6350	15,6350	15,6350			15,6350					
Certificate	NL0011971254	NNGRP22.77TL OPENH	EUR	1,7700	1,7700	1,7400			1,7400					
Certificate	NL0011919253	NNGRP23.13TL OPENB	EUR	16,4050	16,4050	16,4050			16,4050					
Certificate	NL0011971783	NNGRP23.28TL OPENH	EUR	1,7200	1,7200	1,6900			1,6900					
Certificate	NL0012030563	NNGRP24.14TL OPENB	EUR	15,4650	15,4650	15,4650			15,4650					
Certificate	NL0011994132	NNGRP24.31TL OPENH	EUR	1,6300	1,6300	1,6000			1,6000					
Certificate	DE000CD62557	NNGRP24.39TL OPENZ	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012029698	NNGRP24.64BL OPENB	EUR	13,5250	13,5250	13,5250			13,5250					
Certificate	NL0011994124	NNGRP24.81TL OPENH	EUR	1,5800	1,5800	1,5500			1,5500					
Certificate	NL0012030571	NNGRP25.16TL OPENB	EUR	14,5150	14,5150	14,5150			14,5150					
Certificate	NL0011994116	NNGRP25.34TL OPENH	EUR	1,5300	1,5300	1,5000			1,5000					
Certificate	NL0012033633	NNGRP25.69BL OPENB	EUR	12,4750	12,4750	12,4750			12,4750					
Certificate	NL0011994108	NNGRP25.85TL OPENH	EUR	1,4900	1,4900	1,4600			1,4600					
Certificate	NL0012259634	NNGRP26.19TL OPENB	EUR	13,5550	13,5550	13,5550			13,5550					
Certificate	DE000CD63PY1	NNGRP26.38TL OPENZ	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012258958	NNGRP26.73BL OPENB	EUR	11,4250	11,4250	11,4250			11,4250					
Certificate	NL0012259642	NNGRP27.22TL OPENB	EUR	12,5950	12,5950	12,5950			12,5950					
Certificate	NL0012330658	NNGRP27.86TL OPENH	EUR	1,3000	1,3000	1,2700			1,2700					
Certificate	DE000CE6CHX1	NNGRP28.39TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012276000	NNGRP29.23TL OPENB	EUR	10,7150	10,7150	10,7150			10,7150					
Certificate	NL0012365423	NNGRP29.92TL OPENH	EUR	1,1200	1,1200	1,0900			1,0900					
Certificate	DE000CE6D7T2	NNGRP30.35TL OPENZ	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012276653	NNGRP30.87BL OPENB	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	NL0012438295	NNGRP30.94TL OPENH	EUR	1,0200	1,0200	0,9900			0,9900					
Certificate	NL0012277685	NNGRP31.28TL OPENB	EUR	8,8150	8,8150	8,8150			8,8150					
Certificate	NL0012517734	NNGRP31.96TL OPENH	EUR	0,9300	0,9300	0,9000			0,9000					
Certificate	DE000CE6E275	NNGRP32.35TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012497168	NNGRP32.93BL OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	NL0012522403	NNGRP32.94TL OPENH	EUR	0,8400	0,8400	0,8000	97,6000	1	0,8100	122				
Certificate	NL0012689327	NNGRP33.31TL OPENB	EUR	7,2400	7,2650	6,8350	14100,0000	2	6,9250	2000				
Certificate	LU1612062452	NNGRP33.66TCIOPENS	EUR	5,6300	5,6300	5,1800			5,1800					
Certificate	NL0012979694	NNGRP34.04BL OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000CV89XX4	NNGRP34.32TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	LU1650877472	NNGRP34.33TCIOPENS	EUR	5,0700	5,0700	4,6200			4,6200					
Certificate	NL0012929111	NNGRP34.61TL OPENH	EUR	0,6900	0,6900	0,6600			0,6600					
Certificate	NL0012981310	NNGRP35.05BL OPENB	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	LU1790500489	NNGRP35.16TCIOPENS	EUR	3,8600	3,8600	3,4100			3,4100					
Certificate	NL0012982409	NNGRP35.43TL OPENB	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0012991038	NNGRP36.05BL OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	LU1817218123	NNGRP36.14TCIOPENS	EUR	2,4500	2,4500	2,0000			2,0000					
Certificate	LU1790692021	NNGRP36.15TCIOPENS	EUR	2,9200	2,9200	2,4700			2,4700					
Certificate	DE000CJ3NJVO	NNGRP36.32TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0012889976	NNGRP36.35TL OPENH	EUR	0,5300	0,5300	0,5000			0,5000					
Certificate	DE000CE6F5G7	NNGRP40.43TS OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0012692784	NNGRP40.58TS OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0012900799	NNGRP40.74TS OPENH	EUR	0,6800	0,7300	0,6800			0,7300					
Certificate	NL0012369847	NNGRP40.96TS OPENH	EUR	0,7100	0,7600	0,7100			0,7600					
Certificate	LU1840349051	NNGRP40.97TCIOPENS	EUR	2,7600	3,2200	2,7600			3,2200					
Certificate	NL0012374235	NNGRP41.02TS OPENH	EUR	0,7200	0,7700	0,7200			0,7700					
Certificate	NL0012849442	NNGRP41.13TS OPENH	EUR	0,7300	0,7800	0,7300			0,7800					
Certificate	NL0012610216	NNGRP41.15TS OPENH	EUR	0,7300	0,7800	0,7300			0,7800					
Certificate	LU1859714732	NNGRP41.54TCIOPENS	EUR	3,4200	3,8800	3,4200			3,8800					
Certificate	NL0012783062	NNGRP41.96BS OPENB	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	NL0012786115	NNGRP43.59TS OPENB	EUR	9,1850	9,1850	9,1850			9,1850					
Certificate	NL0013000508	NNGRP43.95BS OPENB	EUR	6,2950	6,2950	6,2950			6,2950					
Certificate	NL0012615629	NNGRP44.08TS OPENH	EUR	1,0600	1,1000	1,0600			1,1000					
Certificate	NL0012606735	NNGRP44.09TS OPENH	EUR	1,0600	1,1100	1,0600			1,1100					
Certificate	NL0012545677	NNGRP45.41TS OPENH	EUR	1,2000	1,2500	1,2000			1,2500					
Certificate	DE000CV88AM7	NNGRP45.42TS OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CJ3NSC1	NNGRP49.92TS OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CXOKLB2	NOKIA 5TL OPENC	EUR											
Certificate	NL0010131355	NOKIA 0.7TL OPENB	EUR											
Certificate	NL0010252060	NOKIA 1.1TL OPENB	EUR											
Certificate	DE000CF3AP16	NOKIA4.391TL OPENC	EUR											
Certificate	DE000CNGJYB6	NORSK31.64TL OPENZ	EUR	1,0150	1,0500	1,0150			1,0500					
Certificate	DE000CD63RE9	NORSK37.87TL OPENZ	EUR	0,3750	0,4100	0,3750			0,4100					
Certificate	DE000CV8A5F6	NOVAR102.5TS OPENZ	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CJ3PF05	NOVAR112.5TS OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD63HV4	NOVAR53.26TL OPENZ	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CNG6B89	NOVAR59.27TL OPENZ	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CNG6LB9	NOVAR65.36TL OPENZ	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000CE6BM83	NOVAR72.24TL OPENZ	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CV8A5E9	NOVAR77.19TL OPENZ	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CJ3PF24	NOVAR83.16TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CE6DQ12	NOVAR92.49TS OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	XS1605325999	NOVON STN0827K	EUR											
Certificate	NL0011997770	NOVON 206.TL OPENH	EUR	14,9400	15,3000	14,9400			15,3000					
Certificate	NL0012431605	NOVON 262.TL OPENH	EUR	8,1100	8,4800	8,1100			8,4800					
Certificate	NL0012608582	NOVON 296.TS OPENH	EUR											
Certificate	NL0012598593	NOVON 344.TS OPENH	EUR	11,1400	11,1400	10,9400			10,9400					
Certificate	NL0012094098	NOVON150.3TL OPENH	EUR	21,7300	22,0900	21,7300			22,0900					
Certificate	NL0011989132	NOVON171.5TL OPENH	EUR	19,1400	19,5000	19,1400			19,5000					
Certificate	NL0011997358	NOVON190.5TL OPENH	EUR	16,8300	17,1900	16,8300			17,1900					
Certificate	NL0011997341	NOVON200.8TL OPENH	EUR	15,5700	15,9300	15,5700			15,9300					
Certificate	DE000CE6CBD6	NOVON205.1TL OPENZ	EUR	1,3400	1,3400	1,3050			1,3050					
Certificate	NL0011997929	NOVON211.1TL OPENH	EUR	14,3200	14,6800	14,3200			14,6800					
Certificate	NL0011998018	NOVON216.3TL OPENH	EUR	13,6900	14,0500	13,6900			14,0500					
Certificate	NL0012201354	NOVON221.3TL OPENH	EUR	13,0800	13,4400	13,0800			13,4400					
Certificate	DE000CE6CBV8	NOVON227.1TL OPENZ	EUR	1,0500	1,0500	1,0050			1,0050					
Certificate	NL0012208847	NOVON231.4TL OPENH	EUR	11,8400	12,2000	11,8400			12,2000					
Certificate	NL0012210678	NOVON241.6TL OPENH	EUR	10,6000	10,9600	10,6000			10,9600					
Certificate	DE000CE6CMD3	NOVON250.8TL OPENZ	EUR	0,7300	0,7300	0,6950			0,6950					
Certificate	NL0012240204	NOVON251.6TL OPENH	EUR	9,3800	9,7400	9,3800			9,7400					
Certificate	NL0012431613	NOVON256.9TL OPENH	EUR	8,7300	9,1000	8,7300			9,1000					
Certificate	NL0013131287	NOVON275.3TL OPENH	EUR	6,4900	6,8500	6,4900			6,8500					
Certificate	DE000CJ3P4M8	NOVON275.7TL OPENZ	EUR	0,4000	0,4000	0,3650			0,3650					
Certificate	NL0013185408	NOVON290.3TL OPENH	EUR	4,6900	5,0600	4,6900			5,0600					
Certificate	NL0013182819	NOVON300.3TS OPENH	EUR											
Certificate	NL0012901151	NOVON312.5TS OPENH	EUR	6,4500	6,4500	6,2500			6,2500					
Certificate	NL0012934236	NOVON320.8TS OPENH	EUR	7,6800	7,6800	7,4800			7,4800					
Certificate	NL0012562151	NOVON327.6TS OPENH	EUR	8,6900	8,6900	8,4900			8,4900					
Certificate	NL0012931257	NOVON335.5TS OPENH	EUR	9,8600	9,8600	9,6600			9,6600					
Certificate	NL0012583637	NOVON343.3TS OPENH	EUR	11,0200	11,0200	10,8200			10,8200					
Certificate	NL0012601868	NOVON343.4TS OPENH	EUR	11,0400	11,0400	10,8400			10,8400					
Certificate	NL0012846687	NOVON344.2TS OPENH	EUR	11,1500	11,1500	10,9500			10,9500					
Certificate	NL0011933973	NOVON344.6TS OPENH	EUR	11,2200	11,2200	11,0100			11,0100					
Certificate	NL0012545685	NOVON354.9TS OPENH	EUR	12,7600	12,7600	12,5500			12,5500					
Certificate	NL0011407184	NOVON358.6TS OPENH	EUR	13,3100	13,3100	13,1100			13,1100					
Certificate	NL0012556153	NOVON376.3TS OPENH	EUR	15,9300	15,9300	15,7300			15,7300					
Certificate	NL0012583629	NOVON377.7TS OPENH	EUR	16,1400	16,1400	15,9400			15,9400					
Certificate	NL0012536718	NOVON383.6TS OPENH	EUR	17,0200	17,0200	16,8200			16,8200					
Certificate	NL0012523922	NOVON384.3TS OPENH	EUR	17,1200	17,1200	16,9200			16,9200					
Certificate	NL0012556146	NOVON405.7TS OPENH	EUR	20,3100	20,3100	20,1100			20,1100					
Certificate	NL0012583611	NOVON407.2TS OPENH	EUR	20,5300	20,5300	20,3200			20,3200					
Certificate	NL0012556138	NOVON425.4TS OPENH	EUR	23,2300	23,2300	23,0200			23,0200					
Certificate	DE000CE6CQR4	NSTec20.36TL OPENZ	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CE6CQO6	NSTec22.88TL OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CE6CNU5	NSTec25.38TL OPENZ	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CE6CNT7	NSTec27.96TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CV421C7	NSTec30.63TL OPENZ	EUR	7,9750	7,9750	7,9750			7,9750					
Certificate	DE000CV8B2W7	NSTec32.78TL OPENZ	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CJ3QLP1	NSTec35.28TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0010443446	NTFLX 39TL OPENB	EUR	148,7800	148,7800	148,7800			148,7800					
Certificate	NL0010516274	NTFLX 45TL OPENB	EUR	145,4300	145,4300	145,4300			145,4300					
Certificate	DE000CY50RN3	NTFLX 160TL OPENC	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	DE000CY51DM3	NTFLX 170TL OPENC	EUR	7,8800	8,3100	7,8600	118,2000	1	8,3100	15				
Certificate	DE000CY52AQ8	NTFLX 180TL OPENC	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000CY52PG7	NTFLX 200TL OPENC	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000CJ3QFP3	NTFLX 210TL 0319Z	EUR	2,7650	3,0250	2,7650			3,0250					
Certificate	DE000VA9C449	NTFLX 218TL OPENV	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000CY52297	NTFLX 220TL OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY52PB8	NTFLX 220TL OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CJ3QHX3	NTFLX 225TL 0319Z	EUR	2,0950	2,3650	2,0950			2,3650					
Certificate	DE000CY52PH5	NTFLX 225TL OPENC	EUR	2,9500	3,5100	2,9500	295,0000	1	3,5100	100				
Certificate	DE000VA9C472	NTFLX 228TL OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	DE000CY52PC6	NTFLX 235TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CJ3P8N7	NTFLX 240TL 0319Z	EUR	1,4450	1,7050	1,4450			1,7050					
Certificate	DE000CQ5A9F1	NTFLX 240TL OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CQ5A6F7	NTFLX 240TL OPENC	EUR											
Certificate	DE000CQ5A1Z6	NTFLX 250TL OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP236C6	NTFLX 260TL OPENC	EUR											
Certificate	DE000CQ5A9G9	NTFLX 260TL OPENC	EUR											
Certificate	DE000CP236D4	NTFLX 280TS OPENC	EUR	2,4200	2,4200	2,4200				2,4200				
Certificate	DE000CP233G4	NTFLX 300TS OPENC	EUR	2,2800	2,2800	2,2800				2,2800				
Certificate	DE000CP236E2	NTFLX 300TS OPENC	EUR	4,3200	4,3200	4,3200				4,3200				
Certificate	NL0013153836	NTFLX 303TS OPENB	EUR	6,2850	6,2850	6,2850				6,2850				
Certificate	DE000CP236F9	NTFLX 310TS OPENC	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	DE000CP233H2	NTFLX 320TS OPENC	EUR	4,0400	4,0400	4,0400				4,0400				
Certificate	DE000VASRKT4	NTFLX 325TL OPENV	EUR											
Certificate	DE000CQ58JG2	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ58LQ7	NTFLX 380TL OPENC	EUR											
Certificate	DE000CP06362	NTFLX 400TS OPENC	EUR	13,6900	13,6900	13,6900				13,6900				
Certificate	DE000CQ581P6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ58AS6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ58Q76	NTFLX 400TS OPENC	EUR	10,8600	10,8600	10,8600				10,8600				
Certificate	DE000CQ58ET6	NTFLX 410TS OPENC	EUR											
Certificate	DE000CP06370	NTFLX 420TS OPENC	EUR	15,5900	15,5900	15,5900				15,5900				
Certificate	DE000CQ58Q84	NTFLX 420TS OPENC	EUR	12,6200	12,6200	12,6200				12,6200				
Certificate	DE000CQ58JH0	NTFLX 420TS OPENC	EUR											
Certificate	DE000VA4YWE0	NTFLX 427TS OPENV	EUR	15,2650	15,2650	15,2650				15,2650				
Certificate	DE000CQ58LS3	NTFLX 450TS OPENC	EUR	15,2000	15,2000	15,2000				15,2000				
Certificate	DE000CQ58JH6	NTFLX 450TS OPENC	EUR											
Certificate	DE000CQ58NK6	NTFLX 480TS OPENC	EUR											
Certificate	DE000VA9C407	NTFLX 271.TS OPENV	EUR											
Certificate	DE000VA90UX2	NTFLX 271.TS OPENV	EUR											
Certificate	DE000VA9C423	NTFLX 281.TS OPENV	EUR	2,2150	2,2150	2,2150				2,2150				
Certificate	DE000VA9C2F4	NTFLX 291.TS OPENV	EUR	2,9050	2,9050	2,9050				2,9050				
Certificate	DE000VA9C266	NTFLX 301.TS OPENV	EUR	3,7550	3,7550	3,7550				3,7550				
Certificate	DE000VA9CW10	NTFLX 311.TS OPENV	EUR	4,6750	4,6750	4,6750				4,6750				
Certificate	DE000VA9CW28	NTFLX 321.TS OPENV	EUR	5,6050	5,6050	5,6050				5,6050				
Certificate	DE000VA9CW36	NTFLX 331.TS OPENV	EUR	6,5350	6,5350	6,5350				6,5350				
Certificate	DE000VA5EN70	NTFLX 392.TS OPENV	EUR	12,0450	12,0450	12,0450				12,0450				
Certificate	DE000VA5EN88	NTFLX 397.TS OPENV	EUR	12,5050	12,5050	12,5050				12,5050				
Certificate	DE000VA5EN96	NTFLX 402.TS OPENV	EUR	12,9750	12,9750	12,9750				12,9750				
Certificate	DE000VA5EPA1	NTFLX 407.TS OPENV	EUR	13,4350	13,4350	13,4350				13,4350				
Certificate	DE000VASRPJ4	NTFLX 412.TS OPENV	EUR	13,9250	13,9250	13,9250				13,9250				
Certificate	DE000VASRPL0	NTFLX 417.TS OPENV	EUR	14,3950	14,3950	14,3950				14,3950				
Certificate	NL0012972236	NTFLX 428.BS OPENB	EUR	13,6050	13,6050	13,6050				13,6050				
Certificate	DE000VASRQV7	NTFLX 432.TS OPENV	EUR	15,7750	15,7750	15,7750				15,7750				
Certificate	NL0010913513	NTFLX 48.1TL OPENB	EUR	143,3800	143,3800	143,3800				143,3800				
Certificate	NL0011092440	NTFLX 82.1TL OPENB	EUR	124,6800	124,6800	124,6800				124,6800				
Certificate	NL0011910500	NTFLX 84.1BL OPENB	EUR	16,9200	16,9200	16,9200				16,9200				
Certificate	NL0011247630	NTFLX 86.1TL OPENB	EUR	122,4800	122,4800	122,4800				122,4800				
Certificate	NL0011915574	NTFLX102.2BL OPENB	EUR	15,3300	15,3300	15,3300				15,3300				
Certificate	NL0012020796	NTFLX104.5TL OPENB	EUR	16,0400	16,0400	16,0400				16,0400				
Certificate	NL0011741186	NTFLX154.9TS OPENH	EUR											
Certificate	DE000CJ3PSW4	NTFLX180.8TL OPENZ	EUR	3,9450	4,2050	3,9450				4,2050				
Certificate	DE000VA9C340	NTFLX204.3TL OPENV	EUR	6,3750	6,3750	6,3750				6,3750				
Certificate	DE000VA90VK7	NTFLX207.7TL OPENV	EUR	6,9150	6,9150	6,9150				6,9150				
Certificate	DE000CV8AHQ4	NTFLX215.9TL OPENZ	EUR	2,4050	2,6650	2,4050				2,6650				
Certificate	DE000VA9CZB4	NTFLX224.1TL OPENV	EUR	4,6050	4,6050	4,6050				4,6050				
Certificate	DE000VA9CZD0	NTFLX234.1TL OPENV	EUR	3,7250	3,7250	3,7250				3,7250				
Certificate	DE000CJ3PSX2	NTFLX236.7TL OPENZ	EUR	1,4950	1,7650	1,4950				1,7650				
Certificate	DE000VA8FZ07	NTFLX243.8TL OPENV	EUR	2,7950	2,7950	2,7950				2,7950				
Certificate	DE000VA8F584	NTFLX247.6TL OPENV	EUR	3,4750	3,4750	3,4750				3,4750				
Certificate	DE000CJ3QGZ0	NTFLX251.6TL OPENZ	EUR	0,8650	1,1250	0,8650				1,1250				
Certificate	DE000VA90RU4	NTFLX254.8TL OPENV	EUR											
Certificate	DE000VA90V74	NTFLX257.7TL OPENV	EUR											
Certificate	DE000VA90S82	NTFLX257.7TL OPENV	EUR											
Certificate	DE000VA90US2	NTFLX270.4TS OPENV	EUR	0,5300	0,5300	0,5300	424,0000	1	0,5300	800				
Certificate	NL0013156896	NTFLX274.7TS OPENB	EUR											
Certificate	NL0013156144	NTFLX275.9BS OPENB	EUR	0,8300	0,8350	0,2150	830,0000	1	0,2150	1000				
Certificate	DE000VA9C324	NTFLX280.4TS OPENV	EUR	0,9650	0,9650	0,9650				0,9650				
Certificate	NL0013154958	NTFLX288.5TS OPENB	EUR	4,8150	4,8150	4,8150				4,8150				
Certificate	NL0013155518	NTFLX289.7BS OPENB	EUR	1,4350	1,4350	1,4350				1,4350				
Certificate	DE000VA9C332	NTFLX290.4TS OPENV	EUR	1,6850	1,6850	1,6850				1,6850				
Certificate	DE000CJ3QFK4	NTFLX293.4TS OPENZ	EUR	1,1550	1,1550	0,8850				0,8850				
Certificate	DE000VA9CY75	NTFLX300.5TS OPENV	EUR	2,3450	2,3450	2,3450				2,3450				
Certificate	NL0013152291	NTFLX304.2BS OPENB	EUR	2,7000	2,7150	2,6950	2295,0000	1	2,7150	850				
Certificate	DE000CV89A96	NTFLX304.6TL OPENZ	EUR											
Certificate	DE000VA9CY91	NTFLX310.5TS OPENV	EUR	3,2350	3,2350	3,2350				3,2350				
Certificate	NL0013152028	NTFLX318.3TS OPENB	EUR	7,8150	7,8150	7,8150				7,8150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013151665	NTFLX319.4BS OPENB	EUR	4,9700	4,9700	4,0550	1988,0000	1	4,0550	400				
Certificate	DE000VA9CWA3	NTFLX320.5TS OPENV	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000CJ3QA41	NTFLX323.4TS OPENZ	EUR	2,4550	2,4550	2,1750			2,1750					
Certificate	DE000VA9CWC9	NTFLX330.5TS OPENV	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	NL0013017320	NTFLX334.3TS OPENB	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	NL0013016694	NTFLX335.4BS OPENB	EUR	5,4650	5,4650	5,4650			5,4650					
Certificate	DE000VA8FT05	NTFLX340.7TS OPENV	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	DE000VA8FUE4	NTFLX341.1TS OPENV	EUR	7,4450	7,4450	7,4450			7,4450					
Certificate	DE000VA8FSU4	NTFLX350.7TS OPENV	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0013014566	NTFLX351.1TS OPENB	EUR	11,1250	11,1250	11,1250			11,1250					
Certificate	DE000VA8FS14	NTFLX351.1TS OPENV	EUR	8,3750	8,3750	8,3750			8,3750					
Certificate	NL0012772867	NTFLX351.5TS OPENB	EUR											
Certificate	NL0013014418	NTFLX352.2BS OPENB	EUR	6,9350	6,9350	6,9350			6,9350					
Certificate	NL0012772685	NTFLX353.6BS OPENB	EUR											
Certificate	DE000CJ3PG87	NTFLX358.4TS OPENZ	EUR	3,9950	3,9950	3,7050	96,5000	1	3,7050	25				
Certificate	DE000VA711L3	NTFLX360.7TS OPENV	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	DE000VA8FR23	NTFLX361.1TS OPENV	EUR	9,2950	9,2950	9,2950			9,2950					
Certificate	NL0013013873	NTFLX369.8BS OPENB	EUR	8,4850	8,4850	8,4850			8,4850					
Certificate	DE000VA8FRT8	NTFLX370.7TS OPENV	EUR	8,5150	8,5150	8,5150			8,5150					
Certificate	DE000VA710N1	NTFLX371.1TS OPENV	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	DE000VA8FRU6	NTFLX380.7TS OPENV	EUR	9,3950	9,3950	9,3950			9,3950					
Certificate	DE000VA7PVB9	NTFLX381.1TS OPENV	EUR	11,1250	11,1250	11,1250			11,1250					
Certificate	NL0012982201	NTFLX388.2BS OPENB	EUR	10,1150	10,1150	10,1150			10,1150					
Certificate	DE000VA5ENT6	NTFLX391.9TS OPENV	EUR	10,2650	10,2650	10,2650			10,2650					
Certificate	DE000VA5ENV2	NTFLX396.9TS OPENV	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	DE000CV8A7J4	NTFLX398.5TS OPENZ	EUR	5,7600	5,7600	5,4600			5,4600					
Certificate	DE000VA5ENW0	NTFLX401.9TS OPENV	EUR	11,1450	11,1450	11,1450			11,1450					
Certificate	NL0012980643	NTFLX407.7BS OPENB	EUR	12,4200	12,4250	11,8150	372,6000	1	11,8150	30				
Certificate	NL0012971949	NTFLX427.1TS OPENB	EUR	18,7850	18,7850	18,7850			18,7850					
Certificate	DE000CV899C3	NTFLX448.8TS OPENZ	EUR	7,9900	7,9900	7,6800			7,6800					
Certificate	NL0012973838	NTFLX449.4BS OPENB	EUR	15,4950	15,4950	15,4950			15,4950					
Certificate	DE000CV89GT7	NTFLX499.3TS OPENZ	EUR	10,2200	10,2200	9,9000			9,9000					
Certificate	DE000CR9SF41	NTFLX92.87TL OPENZ	EUR	16,0000	16,4800	16,0000			16,4800					
Certificate	DE000CN6GJ84	NTR 37.67TL OPENZ	EUR	0,9400	0,9400	0,9200			0,9200					
Certificate	DE000CE6DY29	NTR 42.78TL OPENZ	EUR	0,5800	0,5800	0,5600			0,5600					
Certificate	NL0013009020	NVDA 261.8S OPENB	EUR	91,0350	91,0350	91,0350			91,0350					
Certificate	NL0012018964	NVDA 67.1TL OPENB	EUR	85,5300	85,5300	85,5300			85,5300					
Certificate	NL0012037444	NVDA 89.7TL OPENB	EUR	67,3700	67,3700	67,3700			67,3700					
Certificate	NL0013156755	NVDA 152.6BS OPENB	EUR											
Certificate	NL0013155534	NVDA 160.2BS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0013154966	NVDA 163.4TS OPENB	EUR	20,6850	20,6850	20,6850			20,6850					
Certificate	NL0013155542	NVDA 168.2BS OPENB	EUR	9,2750	9,2750	9,2750			9,2750					
Certificate	NL0013154396	NVDA 176.6BS OPENB	EUR	16,6950	16,6950	16,6950			16,6950					
Certificate	NL0013154404	NVDA 194.7BS OPENB	EUR	32,6650	32,6650	32,6650			32,6650					
Certificate	NL0013154644	NVDA 196.1TS OPENB	EUR	52,7050	52,7050	52,7050			52,7050					
Certificate	NL0013154016	NVDA 214.7BS OPENB	EUR	50,2650	50,2650	50,2650			50,2650					
Certificate	NL0013016710	NVDA 225.4BS OPENB	EUR	59,7150	59,7150	59,7150			59,7150					
Certificate	NL0013005218	NVDA 287.7BS OPENB	EUR	114,6150	114,6150	114,6150			114,6150					
Certificate	NL0012992333	NVDA 302.1BS OPENB	EUR	127,2850	127,2850	127,2850			127,2850					
Certificate	NL0013004039	NVDA 317.2BS OPENB	EUR	140,6050	140,6050	140,6050			140,6050					
Certificate	NL0012016869	NVDA 65.76BL OPENB	EUR	81,7400	81,7400	81,7400			81,7400					
Certificate	NL0012024525	NVDA 69.12BL OPENB	EUR	78,7800	78,7800	78,7800			78,7800					
Certificate	NL0012032270	NVDA 80.22BL OPENB	EUR	68,9900	68,9900	68,9900			68,9900					
Certificate	NL0012032296	NVDA 88.57BL OPENB	EUR	61,6300	61,6300	61,6300			61,6300					
Certificate	NL0013018070	NXPI 59.4TL OPENB	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0013009731	NXPI 64.4TL OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0013005457	NXPI 69.4TL OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013148471	NXPI 74.3TL OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0013147374	NXPI 76.2BL OPENB	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0013148489	NXPI 79.3TL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013005622	NXPI 87.5TS OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0013001977	NXPI 97.5TS OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0013001985	NXPI 107.5TS OPENB	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000CJ3PBJ7	NXPI 54.42TL OPENZ	EUR	2,3850	2,4950	2,3850			2,4950					
Certificate	NL0013146509	NXPI 61.16BL OPENB	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000CJ3PBK5	NXPI 63.45TL OPENZ	EUR	1,5850	1,7050	1,5850			1,7050					
Certificate	NL0013007610	NXPI 66.19BL OPENB	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	NL0013147366	NXPI 71.18BL OPENB	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CJ3PT82	NXPI 71.42TL OPENZ	EUR	0,8850	1,0050	0,8850			1,0050					
Certificate	NL0013152317	NXPI 85.61BS OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0013006786	NXPI 95.61BS OPENB	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CJ3NSP3	NYRST 3.07TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011443965	NYRST11.25TS OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0011440763	NYRST13.93TS OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CE6CAH9	OAT 129.3TL OPENZ	EUR	25,8550	25,8550	25,8550			25,8550					
Certificate	DE000CE6CAJ5	OAT 137.2TL OPENZ	EUR	18,0950	18,0950	18,0950			18,0950					
Certificate	DE000CJ3NWW1	OAT 145.4TL OPENZ	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	DE000CE6CAL1	OAT 153.8TS OPENZ	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	DE000CV87RM3	OAT 163.5TS OPENZ	EUR	14,5250	14,5250	14,5250			14,5250					
Certificate	NL0012493126	OCI 17TL OPENB	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	NL0012439715	OCI 17TL OPENH	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012780332	OCI 18TL OPENB	EUR	3,6400	3,6400	3,4450	364,0000	1	3,4450	100				
Certificate	NL0013154651	OCI 24TS OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	NL0012861462	OCI 30TS OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0011637327	OCI 9.5TL OPENB	EUR	11,3950	11,3950	11,3950			11,3950					
Certificate	NL0011809793	OCI 10.6TL OPENB	EUR	10,3850	10,3850	10,3850			10,3850					
Certificate	NL0011735576	OCI 10.9TL OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012036057	OCI 13.8TL OPENB	EUR	7,3850	7,3850	7,3850			7,3850					
Certificate	NL0012100614	OCI 14.9TL OPENB	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	NL0012053086	OCI 15.1TL OPENH	EUR	0,6600	0,6600	0,6300	2620,0000	4	0,6300	4000				
Certificate	NL0012783807	OCI 19.1TL OPENB	EUR	2,5900	2,5900	2,4150	310,8000	1	2,4150	120				
Certificate	NL0012787105	OCI 20.1TL OPENB	EUR											
Certificate	NL0013154974	OCI 22.5TS OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	NL0013184740	OCI 22.5TS OPENH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0013183825	OCI 23.5TS OPENH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0013153414	OCI 25.5TS OPENB	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0013182413	OCI 25.5TS OPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0013132632	OCI 26.5TS OPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013015688	OCI 26.9TS OPENB	EUR	8,9850	8,9850	8,9850			8,9850					
Certificate	NL0013013733	OCI 28.4TS OPENB	EUR	10,5950	10,5950	10,5950			10,5950					
Certificate	DE000CJ3PFT7	OCI 29.2TS OPENZ	EUR	8,6800	8,9900	8,6800			8,9900					
Certificate	NL0012986418	OCI 29.9TS OPENB	EUR	12,2550	12,2550	12,2550			12,2550					
Certificate	NL0012898035	OCI 30.7TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012898027	OCI 31.2TS OPENH	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012796536	OCI 32.5BOC1219Z	EUR	20,4400	20,4400	20,1400			20,1400					
Certificate	NL0012898472	OCI 32.7TS OPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012986236	OCI 32.88S OPENB	EUR	13,0250	13,0250	13,0250			13,0250					
Certificate	DE000CN6LHQ5	OCI 11.59TL OPENZ	EUR	9,4600	9,4600	9,1500			9,1500					
Certificate	NL0011995469	OCI 12.69TL OPENH	EUR											
Certificate	NL0012032304	OCI 13.02BL OPENB	EUR	7,5150	7,5150	7,5150			7,5150					
Certificate	NL0011997010	OCI 13.14TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012049332	OCI 13.63TL OPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CD63RU5	OCI 13.66TL OPENZ	EUR	7,4700	7,4700	7,1600			7,1600					
Certificate	DE000CD646B2	OCI 14.56TL OPENZ	EUR	6,0800	6,0800	5,7700			5,7700					
Certificate	DE000CD646L1	OCI 14.69TL OPENZ	EUR	6,4800	6,4800	6,1700			6,1700					
Certificate	NL0012100952	OCI 15.12BL OPENB	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	DE000CD64722	OCI 15.57TL OPENZ	EUR	5,0900	5,0900	4,7800			4,7800					
Certificate	NL0012437743	OCI 15.67TL OPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012438311	OCI 16.17TL OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CE6EKG6	OCI 16.57TL OPENZ	EUR	4,1000	4,1000	3,7900			3,7900					
Certificate	DE000CE6EN55	OCI 16.76TL OPENZ	EUR	4,4900	4,4900	4,1800			4,1800					
Certificate	NL0012439707	OCI 17.51TL OPENH	EUR	0,4400	0,4400	0,4200	286,0000	1	0,4200	650				
Certificate	NL0012603690	OCI 18.02TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CE6ENR7	OCI 18.06TL OPENZ	EUR	2,6300	2,6300	2,3300	95,2000	1	2,3300	40				
Certificate	NL0012605992	OCI 18.51TL OPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CV88FN4	OCI 18.84TL OPENZ	EUR	2,4900	2,4900	2,1800			2,1800					
Certificate	NL0012608095	OCI 19.01TL OPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	DE000CV88FS3	OCI 19.06TL OPENZ	EUR	1,6700	1,6700	1,2500	1444,0000	8	1,3700	1060				
Certificate	NL0013156003	OCI 19.23BL OPENB	EUR	1,4500	1,4500	1,3050	3770,0000	1	1,3050	2600				
Certificate	NL0012615652	OCI 19.52TL OPENH	EUR	0,2500	0,2500	0,2300	1000,0000	1	0,2300	4000				
Certificate	NL0012615645	OCI 20.02TL OPENH	EUR	0,2000	0,2000	0,1900	1240,0000	2	0,1900	6500				
Certificate	NL0012786941	OCI 20.23BL OPENB	EUR	0,6100	0,6100	0,4050	3811,4000	5	0,4100	8060				
Certificate	NL0012846711	OCI 20.54TL OPENH	EUR											
Certificate	DE000CJ3QGM8	OCI 20.55TL OPENZ	EUR											
Certificate	DE000CV88UL7	OCI 20.92TL OPENZ	EUR											
Certificate	NL0013156151	OCI 22.85BS OPENB	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	DE000CJ3QKC1	OCI 23.22TS OPENZ	EUR	2,7400	3,0400	2,7400			3,0400					
Certificate	NL0013155559	OCI 25.34BS OPENB	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000CJ3QDE2	OCI 26.21TS OPENZ	EUR	5,6900	6,0000	5,6900			6,0000					
Certificate	NL0013086242	OCI 27.83TS OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0013013899	OCI 27.84BS OPENB	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	NL0012864847	OCI 29.53TS OPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012790083	OCI 30.32BS OPENB	EUR	10,5550	10,5550	10,5550			10,5550					
Certificate	DE000CV8AHE0	OCI 32.69TS OPENZ	EUR	12,1700	12,4800	12,1700			12,4800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012898464	OCI 33.69TS OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012898456	OCI 35.69TS OPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CJ3NP54	OCI 36.19TS OPENZ	EUR	15,6700	15,9800	15,6700			15,9800					
Certificate	DE000VN610T5	OILCR LEVOPENV	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	DE000VL23R04	OILCR LEVOPENV	EUR											
Certificate	DE000VN610V1	OILCR LEVOPENV	EUR	0,0150	0,0150	0,0010	483,3300	2	0,0010	32222				
Certificate	DE000VN610U3	OILCR LEVOPENV	EUR	0,0850	0,0850	0,0850			0,0850					
Certificate	DE000C6C1S4	OILCR LEVOPENZ	EUR	0,0230	0,0270	0,0230	9200,0000	2	0,0270	400000				
Certificate	DE000C6C1P0	OILCR LEVOPENZ	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000C6C1Q8	OILCR LEVOPENZ	EUR	3,3340	3,3340	3,3340			3,3340					
Certificate	DE000VN610W9	OILCR SHROPENV	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000VN610X7	OILCR SHROPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000C6C1R6	OILCR SHROPENZ	EUR	1,1690	1,1690	1,1690			1,1690					
Certificate	NL0012796734	OILCR SHROPENZ	EUR	315,9700	315,9700	315,9700			315,9700					
Certificate	NL0011244322	OILCR 36TL OPENH	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	NL0012274302	OILCR 39TL OPENB	EUR	13,4200	13,8300	13,4100	134,2000	1	13,8300	10				
Certificate	NL0011528021	OILCR 41TL OPENB	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0013156219	OILCR 44TL OPENB	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0013156227	OILCR 46TL OPENB	EUR	6,7600	6,7600	6,2400	1219,1000	2	6,2400	185				
Certificate	NL0013156235	OILCR 48TL OPENB	EUR	5,0500	5,0500	3,7500	10025,0000	2	4,5300	2500				
Certificate	NL0013156243	OILCR 50TL OPENB	EUR	3,2300	3,2400	1,9500	571,0000	3	2,8200	200				
Certificate	NL0013156250	OILCR 51TL OPENB	EUR											
Certificate	NL0013156268	OILCR 52TL OPENB	EUR											
Certificate	NL0013156276	OILCR 53TL OPENB	EUR											
Certificate	LU1790449604	OILCR 80TPIOPENS	EUR	22,2500	23,2100	22,2500			23,2100					
Certificate	LU1790449869	OILCR 83TPIOPENS	EUR	24,8800	25,8300	24,8800			25,8300					
Certificate	DE000C6FE89	OILCR 51.TL OPENZ	EUR											
Certificate	NL0011636956	OILCR 25.7TL OPENB	EUR	24,7100	24,7100	24,7100			24,7100					
Certificate	NL0011535539	OILCR 34.6TL OPENB	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	NL0011727516	OILCR 40.4TL OPENH	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0012372353	OILCR 42.8TL OPENH	EUR	9,5500	9,5500	8,1700	15627,5000	6	8,9700	1750				
Certificate	DE000VA9OUR4	OILCR 45.8TL OPENV	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	DE000VA9ORQ2	OILCR 46.8TL OPENV	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	NL0012525786	OILCR 47.2TL OPENH	EUR	5,7200	5,7200	4,3000	6315,0000	9	5,2000	1250				
Certificate	DE000VA9ORR0	OILCR 47.8TL OPENV	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	NL0012529333	OILCR 49.2TL OPENH	EUR	3,4200	3,4900	2,5500	1834,1000	3	3,4900	560				
Certificate	NL0013157928	OILCR 52.5TS OPENB	EUR											
Certificate	DE000VA9ORT6	OILCR 52.8TL OPENV	EUR											
Certificate	NL0013185358	OILCR 54.2TS OPENH	EUR	3,8300	3,8300	3,6300	756,0000	2	3,6300	200				
Certificate	NL0013157019	OILCR 54.5TS OPENB	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013156300	OILCR 56.5TS OPENB	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0013184641	OILCR 57.2TS OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0013153117	OILCR 58.5TS OPENB	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0013152366	OILCR 60.6TS OPENB	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	NL0013151749	OILCR 62.6TS OPENB	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0013149149	OILCR 64.6TS OPENB	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	DE000CJ3PW29	OILCR 66.4TS OPENZ	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0013147663	OILCR 66.6TS OPENB	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	DE000CJ3PW04	OILCR 68.4TS OPENZ	EUR	14,8600	14,8600	14,8600			14,8600					
Certificate	LU1859833235	OILCR 68.5TPIOPENS	EUR	14,4400	15,4000	14,4400			15,4000					
Certificate	NL0013146194	OILCR 69.3BS OPENB	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	NL0013013931	OILCR 70.5TS OPENB	EUR	18,4500	18,4500	18,4500			18,4500					
Certificate	LU1859833318	OILCR 71.5TPIOPENS	EUR	17,0900	18,0500	17,0900			18,0500					
Certificate	NL0013009178	OILCR 74.4TS OPENB	EUR	21,9900	21,9900	21,9900			21,9900					
Certificate	LU1859833409	OILCR 74.5TPIOPENS	EUR	19,7500	20,7000	19,7500			20,7000					
Certificate	DE000CV4ZR55	OILCR 80.3TS OPENZ	EUR	25,3500	25,3500	25,3500			25,3500					
Certificate	NL0013004872	OILCR 82.4TS OPENB	EUR	29,2100	29,2100	29,2100			29,2100					
Certificate	LU1817317610	OILCR 84.5TPIOPENS	EUR	28,1500	29,1000	28,1500			29,1000					
Certificate	DE000CV88H25	OILCR 90.3TS OPENZ	EUR	34,1700	34,1700	34,1700			34,1700					
Certificate	NL0012613467	OILCR 95.4TS OPENH	EUR	40,9200	40,9200	40,9200			40,9200					
Certificate	NL0012926414	OILCR105.8TS OPENH	EUR	50,3500	50,3500	50,3500			50,3500					
Certificate	NL0012312748	OILCR13.15TL OPENH	EUR	34,3900	34,3900	34,3900			34,3900					
Certificate	NL0012312730	OILCR16.28TL OPENH	EUR	31,7100	31,7100	31,7100			31,7100					
Certificate	NL0012312722	OILCR19.41TL OPENH	EUR	29,0200	29,0200	29,0200			29,0200					
Certificate	NL0011598222	OILCR24.53TL OPENH	EUR	24,8600	24,8600	24,8600			24,8600					
Certificate	NL0012312714	OILCR26.08TL OPENH	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	NL0011727649	OILCR26.71TL OPENH	EUR	23,0000	23,0000	23,0000			23,0000					
Certificate	NL0011422308	OILCR27.69TL OPENH	EUR	22,1700	22,1700	22,1700			22,1700					
Certificate	NL0011422290	OILCR30.89TL OPENH	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	DE000CJ3QJP5	OILCR34.95TL OPENZ	EUR	15,0200	15,0200	15,0200			15,0200					
Certificate	NL0011727565	OILCR35.13TL OPENH	EUR	15,8500	15,8500	15,8500			15,8500					
Certificate	NL0011727540	OILCR37.23TL OPENH	EUR	14,4000	14,4000	14,0700	43,2000	1	14,0700	3				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CP71	OILCR37.97TL OPENZ	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	NL0011244314	OILCR38.67TL OPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0012312706	OILCR38.89TL OPENH	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	NL0011727524	OILCR39.34TL OPENH	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	NL0012312698	OILCR39.75TL OPENH	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	NL0012310304	OILCR40.29TL OPENH	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	NL0012312680	OILCR40.81TL OPENH	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	NL0011531124	OILCR41.21BL OPENB	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	NL0012310296	OILCR41.34TL OPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000CJ3P0D5	OILCR41.48TL OPENZ	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	NL0012434203	OILCR43.81TL OPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000VA90VX0	OILCR43.82TL OPENV	EUR	7,0350	7,0350	7,0350			7,0350					
Certificate	DE000CE6DRM1	OILCR45.05TL OPENZ	EUR	5,5800	6,2800	5,5800	2372,0000	2	6,1150	400				
Certificate	NL0012439418	OILCR45.54TL OPENH	EUR	7,1100	7,1100	6,6300	2844,0000	1	6,6300	400				
Certificate	DE000CE6DTG9	OILCR46.08TL OPENZ	EUR	5,7500	5,7600	4,3000	26110,0000	6	5,2100	5000				
Certificate	NL0013157605	OILCR46.71BL OPENB	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CE6EOK1	OILCR47.05TL OPENZ	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	NL0013157613	OILCR47.71BL OPENB	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CE6EN22	OILCR48.05TL OPENZ	EUR	3,6900	3,6900	3,4750	369,0000	1	3,4750	100				
Certificate	NL0012494975	OILCR48.71BL OPENB	EUR	2,1700	2,8800	1,9300	2166,2600	4	2,8800	882				
Certificate	DE000VA9CZK5	OILCR48.79TL OPENV	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CE6EW05	OILCR49.08TL OPENZ	EUR	3,1100	3,1100	1,9500	746,0000	3	2,5550	300				
Certificate	NL0012497036	OILCR49.74BL OPENB	EUR	2,4900	2,5100	1,0300	25130,0000	13	1,9700	14500				
Certificate	DE000VA9CZM1	OILCR49.79TL OPENV	EUR	1,2200	1,7550	0,7700	2939,0000	7	1,7550	2500				
Certificate	DE000CE6EXG9	OILCR50.04TL OPENZ	EUR	1,1900	1,7150	1,1900	247,0000	2	1,7150	200				
Certificate	NL0012501415	OILCR50.48BL OPENB	EUR											
Certificate	DE000VA9CZP4	OILCR50.79TL OPENV	EUR											
Certificate	NL0012531644	OILCR51.23TL OPENH	EUR											
Certificate	NL0013152903	OILCR51.31BL OPENB	EUR											
Certificate	DE000VA9CZS8	OILCR51.79TL OPENV	EUR											
Certificate	DE000CE6FE97	OILCR52.01TL OPENZ	EUR											
Certificate	DE000VA90XE6	OILCR52.23TS OPENV	EUR											
Certificate	NL0013152911	OILCR52.31BL OPENB	EUR											
Certificate	NL0012548465	OILCR52.69TL OPENH	EUR											
Certificate	DE000CE6FH52	OILCR53.08TL OPENZ	EUR											
Certificate	DE000VA90VV4	OILCR53.23TS OPENV	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CJ3QKE7	OILCR53.47TS OPENZ	EUR	2,2850	2,3500	1,7050	4630,0000	2	1,7050	2000				
Certificate	DE000VA90VW2	OILCR54.23TS OPENV	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CJ3QJQ3	OILCR54.96TS OPENZ	EUR	3,2000	3,7300	3,0250	34280,0000	10	3,0250	10000				
Certificate	NL0013157639	OILCR55.15BS OPENB	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000VA90UN3	OILCR55.24TS OPENV	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	DE000VA90RM1	OILCR56.24TS OPENV	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	DE000CJ3QHJ2	OILCR56.45TS OPENZ	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0013155849	OILCR57.15BS OPENB	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000VA90RN9	OILCR57.24TS OPENV	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000CJ3QF79	OILCR57.94TS OPENZ	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000VA90UP8	OILCR58.24TS OPENV	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	NL0013152960	OILCR59.15BS OPENB	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000VA9CZC2	OILCR59.26TS OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	DE000CJ3QDM5	OILCR59.43TS OPENZ	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VA9CZE8	OILCR60.26TS OPENV	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	NL0013134265	OILCR60.69TS OPENH	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	DE000CJ3QDN3	OILCR60.93TS OPENZ	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0013152978	OILCR61.15BS OPENB	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000VA9CZG3	OILCR61.26TS OPENV	EUR	8,3750	8,3750	8,3750			8,3750					
Certificate	DE000VA9CZH1	OILCR62.26TS OPENV	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	DE000CJ3P638	OILCR62.43TS OPENZ	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000VA9CV78	OILCR63.27TS OPENV	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	NL0013151400	OILCR63.31BS OPENB	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000VA9CRW7	OILCR64.29TS OPENV	EUR	11,1950	11,1950	11,1950			11,1950					
Certificate	DE000CJ3PAQ9	OILCR64.41TS OPENZ	EUR	11,3500	11,3500	11,3500			11,3500					
Certificate	NL0013130495	OILCR64.65TS OPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	DE000VA87FA7	OILCR65.29TS OPENV	EUR	12,0650	12,0650	12,0650			12,0650					
Certificate	NL0013149776	OILCR65.31BS OPENB	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	DE000VA87DP0	OILCR66.29TS OPENV	EUR	12,9350	12,9350	12,9350			12,9350					
Certificate	DE000VA87DQ8	OILCR67.29TS OPENV	EUR	13,8150	13,8150	13,8150			13,8150					
Certificate	NL0013146681	OILCR67.31BS OPENB	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0013127301	OILCR68.18TS OPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000VA8FXP4	OILCR68.32TS OPENV	EUR	14,6950	14,6950	14,6950			14,6950					
Certificate	NL0013124399	OILCR69.14TS OPENH	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	DE000VA8FXQ2	OILCR69.32TS OPENV	EUR	15,5750	15,5750	15,5750			15,5750					
Certificate	DE000VA711G3	OILCR70.33TS OPENV	EUR	16,4450	16,4450	16,4450			16,4450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PKE9	OILCR70.37TS OPENZ	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	DE000VA710G5	OILCR71.13TS OPENV	EUR	17,3250	17,3250	17,3250			17,3250					
Certificate	NL0013086101	OILCR72.13TS OPENH	EUR	19,8100	19,8100	19,8100			19,8100					
Certificate	DE000VA710H3	OILCR72.33TS OPENV	EUR	18,2050	18,2050	18,2050			18,2050					
Certificate	DE000CJ3PEC6	OILCR72.36TS OPENZ	EUR	18,3500	18,3500	18,3500			18,3500					
Certificate	DE000VA7TF71	OILCR73.49TS OPENV	EUR	19,0750	19,0750	19,0750			19,0750					
Certificate	NL0013081631	OILCR74.06TS OPENH	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	DE000CJ3N7L5	OILCR74.35TS OPENZ	EUR	20,1100	20,1100	20,1100			20,1100					
Certificate	DE000VA7TF89	OILCR74.49TS OPENV	EUR	19,9550	19,9550	19,9550			19,9550					
Certificate	NL0013008055	OILCR75.28BS OPENB	EUR	20,9100	20,9100	20,9100			20,9100					
Certificate	DE000VA7TF97	OILCR75.49TS OPENV	EUR	20,8350	20,8350	20,8350			20,8350					
Certificate	DE000CJ3NOK2	OILCR76.33TS OPENZ	EUR	21,8600	21,8600	21,8600			21,8600					
Certificate	DE000VA7PV67	OILCR76.51TS OPENV	EUR	21,7050	21,7050	21,7050			21,7050					
Certificate	NL0012861231	OILCR76.81TS OPENH	EUR	24,0600	24,0600	24,0600			24,0600					
Certificate	NL0012787238	OILCR77.27BS OPENB	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	DE000VA6D420	OILCR77.84TS OPENV	EUR	22,5850	22,5850	22,5850			22,5850					
Certificate	DE000CV4ZRA3	OILCR78.31TS OPENZ	EUR	23,6000	23,6000	23,6000			23,6000					
Certificate	NL0012894182	OILCR78.55TS OPENH	EUR	25,6300	25,6300	25,6300			25,6300					
Certificate	DE000VA6T1N4	OILCR78.56TS OPENV	EUR	23,4650	23,4650	23,4650			23,4650					
Certificate	NL0012565113	OILCR79.52TS OPENH	EUR	26,5200	26,5200	26,5200			26,5200					
Certificate	DE000VA7PN18	OILCR79.52TS OPENV	EUR	24,3450	24,3450	24,3450			24,3450					
Certificate	DE000VA640B5	OILCR80.52TS OPENV	EUR	25,2050	25,2050	25,2050			25,2050					
Certificate	NL0012902217	OILCR80.73TS OPENH	EUR	27,6200	27,6200	27,6200			27,6200					
Certificate	NL0012993851	OILCR81.25BS OPENB	EUR	26,1800	26,1800	26,1800			26,1800					
Certificate	DE000VA640C3	OILCR81.52TS OPENV	EUR	26,0950	26,0950	26,0950			26,0950					
Certificate	DE000VA640D1	OILCR82.52TS OPENV	EUR	26,9750	26,9750	26,9750			26,9750					
Certificate	DE000CJ3NXL2	OILCR82.81TS OPENZ	EUR	27,5600	27,5600	27,5600			27,5600					
Certificate	DE000VA640E9	OILCR83.52TS OPENV	EUR	27,8450	27,8450	27,8450			27,8450					
Certificate	NL0012565105	OILCR84.41TS OPENH	EUR	30,9500	30,9500	30,9500			30,9500					
Certificate	DE000VA7PU43	OILCR84.52TS OPENV	EUR	28,7350	28,7350	28,7350			28,7350					
Certificate	DE000CV89Q80	OILCR85.26TS OPENZ	EUR	29,7200	29,7200	29,7200			29,7200					
Certificate	NL0012861223	OILCR90.61TS OPENH	EUR	36,5700	36,5700	36,5700			36,5700					
Certificate	DE000CJ3NXM0	OILCR94.78TS OPENZ	EUR	38,1200	38,1200	38,1200			38,1200					
Certificate	NL0012861215	OILCR95.54TS OPENH	EUR	41,0500	41,0500	41,0500			41,0500					
Certificate	DE000CJ3NXN8	OILCR99.27TS OPENZ	EUR	42,0800	42,0800	42,0800			42,0800					
Certificate	NL0000833317	OILGA PI OPENB	EUR	6,9400	6,9400	6,8600			6,8600					
Certificate	DE000CV4ZH96	OJ 1.113TL OPENZ	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000CD64FK9	OJ 1.217TL OPENZ	EUR	2,0300	2,0650	2,0300	406,0000	1	2,0650	200				
Certificate	DE000CV508F3	OJ 1.394TL OPENZ	EUR											
Certificate	DE000CV4ZHC0	OJ 1.751TS OPENZ	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	DE000CV508H9	OJ 1.847TS OPENZ	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	DE000CV88LW3	OJ 1.942TS OPENZ	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000CE6C8U5	OMXS 1124TL OPENZ	EUR											
Certificate	DE000CE6CY05	OMXS 1244TL OPENZ	EUR											
Certificate	DE000CE6C8T7	OMXS 1363TL OPENZ	EUR											
Certificate	DE000CJ3QEE0	OMXS 1541TS OPENZ	EUR											
Certificate	DE000CJ3N6P8	OMXS 1641TS OPENZ	EUR											
Certificate	DE000CE6C8W1	OMXS 1740TS OPENZ	EUR											
Certificate	DE000CE6CY13	OMXS 1899TS OPENZ	EUR											
Certificate	DE000CV88NU3	OMXS 2107TS OPENZ	EUR											
Certificate	NL0013149925	ONTEX 17.18L OPENB	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CJ3N3Q3	ONTEX10.24TL OPENZ	EUR	1,8250	1,8400	1,8250			1,8400					
Certificate	NL0013006927	ONTEX11.07BL OPENB	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CV4ZRX5	ONTEX11.22TL OPENZ	EUR	0,8250	0,8300	0,8200	6150,0000	2	0,8300	7500				
Certificate	DE000CV88B1	ONTEX12.93TL OPENZ	EUR	1,3450	1,3500	1,3450			1,3500					
Certificate	NL0012998033	ONTEX13.07BL OPENB	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CV4ZRW7	ONTEX14.06TL OPENZ	EUR	0,5650	0,5700	0,5650			0,5700					
Certificate	NL0012998041	ONTEX15.08BL OPENB	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CV88B89	ONTEX15.71TL OPENZ	EUR	0,8350	0,8400	0,8350			0,8400					
Certificate	DE000CJ3P8T4	ONTEX17.21TL OPENZ	EUR	0,5550	0,5600	0,5550			0,5600					
Certificate	NL0012998223	ONTEX20.85BS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012998231	ONTEX24.82BS OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CJ3NJW8	ORABL 12.9TL OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CJ3PL56	ORABL 14.4TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV87TX6	ORABL 9.87TL OPENZ	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CV8A9L6	ORABL10.91TL OPENZ	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000CV502H2	ORABL11.91TL OPENZ	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	DE000CV8ARB5	ORABL7.829TL OPENZ	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011637335	ORACL 30.9TL OPENB	EUR	17,2900	17,2900	17,2900			17,2900					
Certificate	NL0010899738	ORANG 9TL OPENB	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	NL0012523930	ORANG 21TS OPENH	EUR	8,2300	8,4400	8,2300			8,4400					
Certificate	NL0010251781	ORANG 3.4TL OPENB	EUR	11,8100	11,8100	11,8100			11,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010899746	ORANG 10.2TL OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0011425848	ORANG 11.3TL OPENB	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012017222	ORANG 12.4TL OPENB	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012780761	ORANG 13.4TL OPENB	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0013158272	ORANG 14.4TL OPENB	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0010909164	ORANG 14.9TS OPENB	EUR											
Certificate	NL0011445770	ORANG 16.8TS OPENB	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0013158355	ORANG 18.8TS OPENB	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0011418033	ORANG 6.63TL OPENH	EUR	9,1000	9,1000	9,0500			9,0500					
Certificate	NL0012056394	ORANG 9.55TL OPENH	EUR	6,4500	6,4500	6,3900			6,3900					
Certificate	DE000CR9PVK0	ORANG10.25TL OPENZ	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0011418009	ORANG10.83TL OPENH	EUR	5,2800	5,2800	5,2300			5,2300					
Certificate	DE000CR9NK23	ORANG11.75TL OPENZ	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0011979844	ORANG11.77TL OPENH	EUR	4,4300	4,4300	4,3800			4,3800					
Certificate	NL0011972815	ORANG12.31TL OPENH	EUR	3,9400	3,9400	3,8900			3,8900					
Certificate	DE000CD64730	ORANG13.23TL OPENZ	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0011417969	ORANG15.12TS OPENH	EUR											
Certificate	NL0011417951	ORANG16.52TS OPENH	EUR	3,2500	3,4600	3,2500			3,4600					
Certificate	NL0011417944	ORANG16.98TS OPENH	EUR	3,7700	3,9800	3,7700			3,9800					
Certificate	NL0011417936	ORANG18.84TS OPENH	EUR	5,8300	6,0400	5,8300			6,0400					
Certificate	NL0012437941	ORANG20.86TS OPENH	EUR	8,0700	8,2800	8,0700			8,2800					
Certificate	NL0012531511	ORANG20.92TS OPENH	EUR	8,1300	8,3400	8,1300			8,3400					
Certificate	NL0012314033	ORANG22.77TS OPENH	EUR	10,1900	10,4000	10,1900			10,4000					
Certificate	DE000CV50970	ORPEA 81.8TL OPENZ	EUR	1,2850	1,3800	1,2850			1,3800					
Certificate	DE000CV50962	ORPEA71.82TL OPENZ	EUR	2,2750	2,3800	2,2750			2,3800					
Certificate	DE000CJ3P539	PAAS 9.36TL OPENZ	EUR	3,3300	3,6300	3,3300			3,6300					
Certificate	DE000CV8BDQ1	PAAS 10.86TL OPENZ	EUR	2,1300	2,4300	2,1300			2,4300					
Certificate	DE000CJ3QFC1	PAAS 12.36TL OPENZ	EUR	0,8600	1,1700	0,8600			1,1700					
Certificate	NL0012796759	PALLA LEVOPENZ	EUR	55,0200	55,0200	55,0200			55,0200					
Certificate	NL0000451896	PALLA PI OPENN	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0012796775	PALLA SHROPENZ	EUR	32,9500	32,9500	32,9500			32,9500					
Certificate	NL0000451599	PALLA 158TL OPENB	EUR	91,8000	91,8000	91,8000			91,8000					
Certificate	NL0009064393	PALLA 225TL OPENB	EUR	86,4600	86,4600	86,4600			86,4600					
Certificate	NL0011537394	PALLA 478TL OPENB	EUR	66,1850	66,1850	66,1850			66,1850					
Certificate	DE000CN6HPN3	PALLA 500TL OPENZ	EUR	62,0800	62,0800	62,0800			62,0800					
Certificate	NL0011601307	PALLA 523TL OPENH	EUR	62,4100	62,4100	62,4100			62,4100					
Certificate	NL0011813241	PALLA 533TL OPENB	EUR	61,7850	61,7850	61,7850			61,7850					
Certificate	NL0011731005	PALLA 542TL OPENH	EUR	60,9200	60,9200	60,9200			60,9200					
Certificate	NL0011730999	PALLA 563TL OPENH	EUR	59,1800	59,1800	59,1800			59,1800					
Certificate	NL0012102347	PALLA 694TL OPENB	EUR	48,9350	48,9350	48,9350			48,9350					
Certificate	DE000CE6BJX9	PALLA 706TL OPENZ	EUR	44,5500	44,5500	44,5500			44,5500					
Certificate	NL0012103642	PALLA 747TL OPENB	EUR	44,6750	44,6750	44,6750			44,6750					
Certificate	DE000CV8AQ09	PANDO218.6TL OPENZ	EUR	1,9050	1,9850	1,9050			1,9850					
Certificate	DE000CJ3QAT6	PANDO228.5TL OPENZ	EUR	1,9850	2,0650	1,9850			2,0650					
Certificate	DE000CV89PY8	PANDO269.2TL OPENZ	EUR	1,2350	1,3150	1,2350			1,3150					
Certificate	DE000CV8AQZ6	PANDO278.5TL OPENZ	EUR	1,3750	1,4450	1,3750			1,4450					
Certificate	DE000CV8AR08	PANDO300.3TL OPENZ	EUR	1,1050	1,1750	1,1050			1,1750					
Certificate	DE000CV8ARU5	PANDO318.9TL OPENZ	EUR	0,5750	0,6550	0,5750			0,6550					
Certificate	DE000CV8ARJ8	PANDO321.9TL OPENZ	EUR	0,8350	0,9150	0,8350			0,9150					
Certificate	DE000CJ3P489	PANDO391.7TS OPENZ	EUR	0,8950	0,8950	0,8150			0,8150					
Certificate	DE000CV8AJ40	PANDO441.7TS OPENZ	EUR	1,6350	1,6350	1,5650			1,5650					
Certificate	DE000CV89HZ2	PANDO487.7TS OPENZ	EUR	2,3050	2,3050	2,2350			2,2350					
Certificate	DE000CV88WA6	PANDO533.6TS OPENZ	EUR	2,9750	2,9750	2,9050			2,9050					
Certificate	DE000CV88ZE1	PANDO553.2TS OPENZ	EUR	2,6350	2,6350	2,5550			2,5550					
Certificate	DE000CV893R4	PANDO603.1TS OPENZ	EUR	3,2950	3,2950	3,2250			3,2250					
Certificate	DE000CR6XDU7	PARGE53.45TL OPENZ	EUR	1,5250	1,5250	1,4800			1,4800					
Certificate	DE000CN6L1D6	PARGE60.32TL OPENZ	EUR	0,9250	0,9250	0,8800			0,8800					
Certificate	DE000CV50224	PAYPL 50TL OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CV50W50	PAYPL 50TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CV50232	PAYPL 55TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CV50W68	PAYPL 55TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CV50240	PAYPL 56TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CV50W76	PAYPL 56TL OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CJ3N6K9	PAYPL 57TL 1218Z	EUR	2,2850	2,4750	2,2850			2,4750					
Certificate	DE000CV51584	PAYPL 58TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CV51MY9	PAYPL 65TL OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CV51L11	PAYPL 65TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CV8AEC1	PAYPL 66TL 1218Z	EUR	1,4950	1,6850	1,4950			1,6850					
Certificate	DE000CV8AH91	PAYPL 71TL 1218Z	EUR	1,0550	1,2450	1,0550			1,2450					
Certificate	DE000CQ5BAA4	PAYPL 75TL OPENC	EUR											
Certificate	DE000CQ5BJ59	PAYPL 82TL OPENC	EUR											
Certificate	DE000CQ5ATQ2	PAYPL 82TS OPENC	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58LE3	PAYPL 95TS OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CQ58A1A8	PAYPL 95TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CQ58AC0	PAYPL 95TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ58ABY4	PAYPL 95TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CQ58EM1	PAYPL 100TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CQ58J67	PAYPL 100TS OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CJ3QGT3	PAYPL 59.5TL 0319Z	EUR	2,1050	2,2950	2,1050			2,2950					
Certificate	DE000CJ3P5R4	PAYPL 68.5TL 0319Z	EUR	1,3150	1,5050	1,3150			1,5050					
Certificate	DE000CJ3QAC2	PAYPL 73.5TL 0319Z	EUR	0,8650	1,0650	0,8650			1,0650					
Certificate	DE000CV8AH50	PAYPL51.45TL OPENZ	EUR	2,7450	2,9250	2,7450			2,9250					
Certificate	DE000CV89UA8	PAYPL61.67TL OPENZ	EUR	1,8450	2,0250	1,8450			2,0250					
Certificate	DE000CV89U86	PAYPL71.78TL OPENZ	EUR	0,9450	1,1350	0,9450			1,1350					
Certificate	DE000CJ3NLZ7	PBR 10.81TL OPENZ	EUR	3,7450	3,7450	3,7150			3,7150					
Certificate	DE000CJ3NY87	PBR 12.35TL OPENZ	EUR	2,4550	2,4550	2,4350			2,4350					
Certificate	DE000CE6DFV7	PBR 7.345TL OPENZ	EUR	6,6450	6,6450	6,5950			6,5950					
Certificate	DE000CE6CF32	PBR 8.015TL OPENZ	EUR	6,0850	6,0850	6,0450			6,0450					
Certificate	DE000CE6DYE4	PBR 8.685TL OPENZ	EUR	5,5250	5,5250	5,4850			5,4850					
Certificate	DE000CV89S88	PBR 9.755TL OPENZ	EUR	4,6350	4,6350	4,5950			4,5950					
Certificate	DE000CV4YXN7	PERNO106.9TL OPENZ	EUR	1,3900	1,4000	1,3900			1,4000					
Certificate	DE000CV4YY29	PERNO120.8TL OPENZ	EUR	0,8400	0,8500	0,8400			0,8500					
Certificate	DE000CJ3NMH3	PERNO86.82TL OPENZ	EUR	2,1900	2,2000	2,1900			2,2000					
Certificate	NL0010443370	PEUGO 3TL OPENB	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	DE000CX0KUL2	PEUGO 10TL OPENC	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	NL0010607305	PEUGO 5.4TL OPENB	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	NL0010905493	PEUGO 8.8TL OPENB	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000CD62DE1	PEUGO 12.7TL OPENZ	EUR	6,7200	6,8000	6,7200			6,8000					
Certificate	DE000CD64D60	PEUGO 16.2TL OPENZ	EUR	3,2600	3,3450	3,2600			3,3450					
Certificate	NL0013012206	PEUGO 18.5TL OPENB	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0013154982	PEUGO 20.5TS OPENB	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0013005978	PEUGO 22.5TS OPENB	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012907141	PEUGO 24.4TS OPENH	EUR	7,7200	7,7800	7,7200			7,7800					
Certificate	NL0013002553	PEUGO 24.5TS OPENB	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0012313217	PEUGO 26.2TS OPENH	EUR	9,7300	9,7800	9,7300			9,7800					
Certificate	NL0012983456	PEUGO 26.5TS OPENB	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0012313258	PEUGO 5.24TL OPENH	EUR	14,6500	14,8500	14,6500			14,8500					
Certificate	NL0012313241	PEUGO 7.29TL OPENH	EUR	12,7900	12,9800	12,7900			12,9800					
Certificate	NL0011989140	PEUGO11.36TL OPENH	EUR	9,0700	9,2700	9,0700			9,2700					
Certificate	NL0011992607	PEUGO11.96TL OPENH	EUR	8,5300	8,7300	8,5300			8,7300					
Certificate	NL0012051155	PEUGO13.42TL OPENH	EUR	7,2000	7,4000	7,2000			7,4000					
Certificate	DE000CD640M2	PEUGO14.21TL OPENZ	EUR	5,2200	5,3000	5,2200			5,3000					
Certificate	NL0012051148	PEUGO14.45TL OPENH	EUR	6,2600	6,4600	6,2600			6,4600					
Certificate	NL0012057681	PEUGO15.47TL OPENH	EUR	5,3400	5,5400	5,3400			5,5400					
Certificate	NL0012556195	PEUGO16.48TL OPENH	EUR	4,4200	4,6200	4,4200			4,6200					
Certificate	NL0012585343	PEUGO17.48TL OPENH	EUR	3,5100	3,7100	3,5100			3,7100					
Certificate	DE000CV88814	PEUGO18.18TL OPENZ	EUR	1,3200	1,4050	1,3200			1,4050					
Certificate	NL0012601025	PEUGO18.48TL OPENH	EUR	2,6000	2,8000	2,6000			2,8000					
Certificate	NL0012367015	PEUGO28.21TS OPENH	EUR	11,9600	12,0100	11,9600			12,0100					
Certificate	NL0012522999	PEUGO30.37TS OPENH	EUR	14,3500	14,4000	14,3500			14,4000					
Certificate	NL0012891337	PEUGO34.25TS OPENH	EUR	18,6600	18,7100	18,6600			18,7100					
Certificate	NL0012891329	PEUGO36.24TS OPENH	EUR	20,8700	20,9200	20,8700			20,9200					
Certificate	NL0009533140	PFIZR 8.5TL OPENB	EUR	32,5400	32,5400	32,5400			32,5400					
Certificate	NL0009563881	PFIZR 10.2TL OPENB	EUR	31,1400	31,1400	31,1400			31,1400					
Certificate	NL0011425921	PFIZR 25.8TL OPENB	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000CR9RV59	PGMBL57.88TL OPENZ	EUR	3,1200	3,1200	3,1000			3,1000					
Certificate	DE000CJ3NM57	PHARM 0.38TL OPENZ	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CJ3NLS2	PHARM 0.49TL OPENZ	EUR	0,3800	0,3900	0,3800	3800,0000	1	0,3900	10000				
Certificate	DE000CJ3QAZ3	PHARM 0.55TL OPENZ	EUR	0,3400	0,3400	0,3300	1020,0000	1	0,3300	3000				
Certificate	DE000CV89291	PHARM 0.61TL OPENZ	EUR	0,3000	0,3000	0,2900	150,0000	1	0,2900	500				
Certificate	DE000CJ3NPA1	PHARM 0.67TL OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CJ3QF04	PHARM 0.73TL OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CJ3QD71	PHARM 0.87TS OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CJ3QA09	PHARM 0.97TS OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CJ3NW71	PHARM 1.07TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CJ3NLU8	PHARM 1.18TS OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013154214	PHARMO.313TL OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013007875	PHARMO.413TL OPENB	EUR	0,4300	0,4350	0,4300	86,0000	1	0,4350	200				
Certificate	NL0013000086	PHARMO.513TL OPENB	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0012999551	PHARMO.613TL OPENB	EUR	0,2600	0,2600	0,2450	7800,0000	2	0,2450	30000				
Certificate	NL0013000755	PHARMO.713TL OPENB	EUR	0,1600	0,1700	0,1500	2210,8300	5	0,1550	13799				
Certificate	NL0013157126	PHARMO.838TS OPENB	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	NL001299676	PHARM1.088TS OPENB	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012986020	PHARM1.337TS OPENB	EUR	0,6850	0,6850	0,6850			0,6850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012972723	PHARM1.584TS OPENB	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CR9NY50	PHIL 69.67TL OPENZ	EUR	1,9700	1,9900	1,9700			1,9900					
Certificate	NL0013110471	PHILP LEVOPENZ	EUR	47,9100	47,9100	43,9900			43,9900					
Certificate	DE000CX00EH0	PHILP 21TL OPENC	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	DE000CX00FJ3	PHILP 21TL OPENC	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	NL0011896634	PHILP 21TL OPENH	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	DE000CX59GJ7	PHILP 22TL OPENC	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	DE000CX59A90	PHILP 22TL OPENC	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	DE000CX59N79	PHILP 24TL OPENC	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	DE000CX59YM4	PHILP 25TL OPENC	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CX59GK5	PHILP 25TL OPENC	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000CX59Q76	PHILP 26TL OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CX59KU6	PHILP 26TL OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0012114060	PHILP 27TL OPENB	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CY16C57	PHILP 27TL OPENC	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CY16AU5	PHILP 27TL OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CY16C65	PHILP 28TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CY16AV3	PHILP 28TL OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000CY16S67	PHILP 29TL OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CQ5APY4	PHILP 29TL OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CQ5A7W0	PHILP 29TL OPENC	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000CQ5A5L7	PHILP 30TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CQ5A7X8	PHILP 30TL OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CQ5AP21	PHILP 31TL OPENC	EUR	2,1200	2,3800	1,9700	25903,2500	12		12150				
Certificate	DE000CP232H4	PHILP 34TS OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CP23516	PHILP 34TS OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0013182421	PHILP 34TS OPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CP23524	PHILP 36TS OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CQ58Z91	PHILP 36TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CY50UV0	PHILP 38TS OPENC	EUR											
Certificate	DE000CP07A28	PHILP 38TS OPENC	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CP06U58	PHILP 38TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CY51AN7	PHILP 42TS OPENC	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000CY51CD4	PHILP 42TS OPENC	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000CQ58FH8	PHILP 42TS OPENC	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000CQ5AWY0	PHILP 44TS OPENC	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	DE000CY51AP2	PHILP 44TS OPENC	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000CQ583C0	PHILP 44TS OPENC	EUR	12,9100	12,9100	12,9100			12,9100					
Certificate	DE000CP062M5	PHILP 46TS OPENC	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	DE000CQ580M5	PHILP 46TS OPENC	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	DE000CP06L83	PHILP 48TS OPENC	EUR	17,3200	17,3200	17,3200			17,3200					
Certificate	DE000CP060Q0	PHILP 48TS OPENC	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	NL0012899496	PHILP 48TS OPENH	EUR	19,2100	19,2100	19,2100			19,2100					
Certificate	DE000CP06KM0	PHILP 50TS OPENC	EUR	17,5400	17,5400	17,5400			17,5400					
Certificate	NL0010175774	PHILP 14.9TL OPENB	EUR	18,5900	18,5900	18,5900			18,5900					
Certificate	NL0011051669	PHILP 15.1TL OPENH	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	NL0010282224	PHILP 15.8TL OPENB	EUR	17,7500	17,7500	17,7500			17,7500					
Certificate	NL0010887592	PHILP 16.4TL OPENB	EUR	17,2100	17,2100	17,2100			17,2100					
Certificate	NL0010380390	PHILP 16.9TL OPENB	EUR	16,7300	16,7300	16,7300			16,7300					
Certificate	NL0010514444	PHILP 18.1TL OPENB	EUR	15,6500	15,6500	15,6400	7825,0000	1	15,6400	500				
Certificate	NL0011650874	PHILP 20.48L OPENB	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0011906664	PHILP 21.6TL OPENB	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	NL0011916630	PHILP 23.7TL OPENB	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	NL0011970603	PHILP 24.1TL OPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	NL0012017628	PHILP 24.8TL OPENB	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0012106827	PHILP 25.9TL OPENB	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012120232	PHILP 28.1TL OPENB	EUR	6,5200	6,6000	6,3000	319,4000	3	6,3000	49				
Certificate	NL0012600050	PHILP 29.3TL OPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012779854	PHILP 29.6TL OPENB	EUR	4,9800	4,9800	4,9000	1494,0000	1	4,9000	300				
Certificate	NL0013018708	PHILP 31.1TL OPENB	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012648802	PHILP 32.5BON0619Z	EUR	33,8750	33,8750	33,4800			33,4800					
Certificate	NL0013157084	PHILP 32.6TL OPENB	EUR											
Certificate	NL0013014574	PHILP 34.8TS OPENB	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CJ3FP96	PHILP 35.5TS OPENZ	EUR	0,4900	0,5900	0,4900			0,5900					
Certificate	NL0012649131	PHILP 36.5BON0619Z	EUR	34,9950	34,9950	34,7550			34,7550					
Certificate	NL0013148828	PHILP 37.2BON1219B	EUR	33,3800	33,3800	33,3800			33,3800					
Certificate	NL0013005986	PHILP 37.4TS OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0012494611	PHILP 38.5BON1218B	EUR	38,3100	38,3100	38,1700			38,1700					
Certificate	DE000CJ3N492	PHILP 38.5TS OPENZ	EUR	1,0800	1,1900	1,0800			1,1900					
Certificate	NL0013004807	PHILP 39.1BS OPENB	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0013004286	PHILP 39.8TS OPENB	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	LU1757007148	PHILP 40.7TPIOPENS	EUR	7,8900	7,8900	7,8900			7,8900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012784292	PHILP 42.3TS OPENB	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	NL0012787733	PHILP 44.8TS OPENB	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	NL0011039680	PHILP11.04TL OPENH	EUR	22,4800	22,4800	22,4800			22,4800					
Certificate	NL0011040407	PHILP13.16TL OPENH	EUR	20,5000	20,5000	20,5000			20,5000					
Certificate	NL0011039672	PHILP15.29TL OPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	NL0011230495	PHILP17.37TL OPENH	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0011039664	PHILP17.42TL OPENH	EUR	16,5300	16,5300	16,5300			16,5300					
Certificate	NL0011040381	PHILP18.48TL OPENH	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	DE000CF805U2	PHILP19.13TL OPENC	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	NL0011602446	PHILP19.22TL OPENH	EUR	14,8600	14,8600	14,8600			14,8600					
Certificate	DE000CF04HNO	PHILP19.84TL OPENC	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	NL0011743448	PHILP19.96TL OPENH	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	DE000CR9P4K9	PHILP20.01TL OPENZ	EUR	13,7750	13,7750	13,2450			13,2450					
Certificate	DE000CC3ZGJ2	PHILP20.91TL OPENC	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	DE000CZ79W64	PHILP21.45TL OPENZ	EUR	11,7900	11,7900	11,2600			11,2600					
Certificate	DE000CD624M6	PHILP21.55TL OPENZ	EUR	12,2850	12,2850	11,7550			11,7550					
Certificate	NL0011927983	PHILP22.03TL OPENH	EUR	12,2400	12,2400	12,2400			12,2400					
Certificate	NL0011934872	PHILP23.07TL OPENH	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0011916341	PHILP23.58BL OPENB	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000CD62N86	PHILP23.58TL OPENZ	EUR	10,3050	10,3050	9,7850			9,7850					
Certificate	DE000CD62LD6	PHILP24.43TL OPENZ	EUR	8,8100	8,8100	8,2900			8,2900					
Certificate	NL0011989389	PHILP24.61TL OPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0011918941	PHILP24.64BL OPENB	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0011990411	PHILP25.11TL OPENH	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	NL0011990403	PHILP25.63TL OPENH	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CD632F3	PHILP25.91TL OPENZ	EUR	7,3350	7,3350	6,6400	464,8000	2	6,8150	70				
Certificate	NL0012057699	PHILP26.12TL OPENH	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	NL0012179048	PHILP26.65TL OPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0012113070	PHILP26.74BL OPENB	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0012197511	PHILP27.15TL OPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CE6C2H5	PHILP27.16TL OPENZ	EUR	6,8350	6,8350	6,3050			6,3050					
Certificate	DE000CE6BR47	PHILP27.41TL OPENZ	EUR	5,8450	5,8450	5,3250			5,3250					
Certificate	NL0012118061	PHILP27.79BL OPENB	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	LU1840981135	PHILP28.15TCIOPENS	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012203046	PHILP28.19TL OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012121669	PHILP28.83BL OPENB	EUR	3,8700	3,9200	3,7800	4014,4800	2	3,7800	1032				
Certificate	DE000CE6C2C6	PHILP28.89TL OPENZ	EUR	4,3750	4,3750	3,8650			3,8650					
Certificate	LU1859832690	PHILP29.72TCIOPENS	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0013014822	PHILP29.84BL OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012604490	PHILP30.23TL OPENH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	LU1841153106	PHILP30.67TCIOPENS	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013018393	PHILP30.84BL OPENB	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CV88AL9	PHILP30.86TL OPENZ	EUR	0,4900	0,4900	0,3300	715,0000	3	0,3800	2000				
Certificate	DE000CJ3P2M0	PHILP31.16TL OPENZ	EUR	0,5800	0,5800	0,4800			0,4800					
Certificate	LU1859912534	PHILP31.58TCIOPENS	EUR	1,3400	1,5000	1,0100	574,9000	16	1,0100	470				
Certificate	NL0013156706	PHILP31.83BL OPENB	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CJ3QK31	PHILP32.36TL OPENZ	EUR	0,1900	0,1900	0,0600	6,0000	1	0,0600	100				
Certificate	NL0013155567	PHILP33.14BS OPENB	EUR											
Certificate	LU1859714658	PHILP35.05TCIOPENS	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013015050	PHILP35.12BS OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	LU1840979667	PHILP36.36TCIOPENS	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013007024	PHILP37.11BS OPENB	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	NL0013079379	PHILP37.13TS OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	LU1840912320	PHILP37.76TCIOPENS	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	NL0012907158	PHILP38.86TS OPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0012930879	PHILP40.76TS OPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0012934798	PHILP40.85TS OPENH	EUR	11,5000	11,5000	11,5000			11,5000					
Certificate	NL0012784938	PHILP41.08BS OPENB	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012847180	PHILP41.48TS OPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	DE000CV88GV5	PHILP41.97TS OPENZ	EUR	1,7700	1,8800	1,7700			1,8800					
Certificate	LU1817099101	PHILP42.28TCIOPENS	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0012900336	PHILP43.02TS OPENH	EUR	13,8400	13,8400	13,8400			13,8400					
Certificate	NL0012790828	PHILP43.05BS OPENB	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0012847172	PHILP43.46TS OPENH	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0012900039	PHILP46.01TS OPENH	EUR	17,0600	17,0600	17,0600			17,0600					
Certificate	DE000CV890Y6	PHILP46.97TS OPENZ	EUR	2,7700	2,8800	2,7700			2,8800					
Certificate	NL0012890800	PHILP47.88TS OPENH	EUR	19,0800	19,0800	19,0800			19,0800					
Certificate	DE000CR1IQ96	PHIMO70.39TL OPENZ	EUR	2,6100	2,6700	2,6100			2,6700					
Certificate	NL0000451870	PLATI PI OPENN	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	DE000CV8A7N6	PLATI 615TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012989800	PLATI 625TL OPENB	EUR	2,0500	2,0500	1,9900	1640,0000	1	1,9900	800				
Certificate	NL0012977946	PLATI 675TL OPENB	EUR	1,5700	1,5700	1,5700			1,5700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGD4M8	PLATI 684TL OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VASRJU4	PLATI 708TL OPENV	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CN6HPP8	PLATI 719TL OPENZ	EUR	1,1600	1,1600	1,0800	116,0000	1	1,0800	100				
Certificate	NL0011540257	PLATI 728TL OPENB	EUR	1,1300	1,1300	1,1300								
Certificate	DE000VA3Z583	PLATI 732TL OPENV	EUR	1,1800	1,1800	1,0650	1180,0000	1	1,0650	1000				
Certificate	NL0012888895	PLATI 747TL OPENH	EUR	0,9600	0,9600	0,9600								
Certificate	NL0012888887	PLATI 757TL OPENH	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000VASRJV2	PLATI 758TL OPENV	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CN6HAR6	PLATI 760TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012888879	PLATI 767TL OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012999973	PLATI 779TL OPENB	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000VAGECU5	PLATI 784TL OPENV	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000VA3D895	PLATI 806TL OPENV	EUR											
Certificate	DE000VAG4Z31	PLATI 810TL OPENV	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CJ3N6F9	PLATI 813TL OPENZ	EUR											
Certificate	NL0013182488	PLATI 820TL OPENH	EUR											
Certificate	DE000VA3D9A5	PLATI 831TL OPENV	EUR											
Certificate	DE000VA9C3U1	PLATI 837TL OPENV	EUR											
Certificate	DE000VA3D9B3	PLATI 856TL OPENV	EUR											
Certificate	DE000VAVCV52	PLATI 876TS OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0012923429	PLATI 879TS OPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012977953	PLATI 894TS OPENB	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CV8A7Q9	PLATI 894TS OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0012923411	PLATI 899TS OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA3KSK6	PLATI 908TS OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	NL0012923403	PLATI 919TS OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000VA2T9P6	PLATI 933TS OPENV	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0012786511	PLATI 945TS OPENB	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000VA2T9Q4	PLATI 958TS OPENV	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VA87DJ3	PLATI 977TS OPENV	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000CV8A7R7	PLATI 991TS OPENZ	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012021257	PLATI 1046TS OPENB	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CD63A80	PLATI 1089TS OPENZ	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0011050364	PLATI 1174TS OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CNGLBE4	PLATI 1196TS OPENZ	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0011050356	PLATI 1213TS OPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0011050349	PLATI 1287TS OPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0010155727	PLATI 1552TL OPENA	EUR											
Certificate	DE000VA4YY82	PLATI 719.TL OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CV8B5S8	PLATI 800.TL OPENZ	EUR											
Certificate	DE000VA87DK1	PLATI 823.TL OPENV	EUR											
Certificate	DE000VAGD4N6	PLATI670.6TL OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000VA3TKT5	PLATI742.8TL OPENV	EUR	0,6800	0,6800	0,6500	3020,0000	2	0,6550	4600				
Certificate	DE000VAGEBS1	PLATI770.9TL OPENV	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000VAGEEU1	PLATI796.2TL OPENV	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	DE000VA3TKR9	PLATI887.3TS OPENV	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000VA3KSJ8	PLATI912.7TS OPENV	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000VA1SSV0	PLATI940.6TS OPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000V19VUE6	PLATI966.6TS OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA87DH7	PLATI981.3TS OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0012796742	PLATN LEVOPENZ	EUR	42,1600	42,1600	42,1600			42,1600					
Certificate	NL0012796767	PLATN SHROPENZ	EUR	46,0800	46,0800	46,0800			46,0800					
Certificate	NL0009067156	PORSC 20TL OPENB	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	NL0009992999	PORSC 29TL OPENB	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CN6EZT6	PORSC 37.TL OPENZ	EUR	2,0200	2,0400	2,0200			2,0400					
Certificate	NL0011438312	PORSC 32.9TL OPENB	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0013016504	PORSC 36.2BL OPENB	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012020812	PORSC 42.4TL OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0012038780	PORSC 45.4TL OPENB	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012494421	PORSC 48.5TL OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0013019144	PORSC 51.5TL OPENB	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0013148521	PORSC 54.5TL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0012973168	PORSC 63.7TS OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012697221	PORSC 78.5TS OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CN6KAM1	PORSC41.02TL OPENZ	EUR	1,6200	1,6400	1,6200			1,6400					
Certificate	NL0012998579	PORSC41.21BL OPENB	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012998587	PORSC46.24BL OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CD63V44	PORSC46.48TL OPENZ	EUR	1,0700	1,1000	1,0700			1,1000					
Certificate	NL0013018781	PORSC51.25BL OPENB	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3PQY4	PORSC51.47TL OPENZ	EUR	0,5800	0,6100	0,5800			0,6100					
Certificate	NL0013157779	PORSC56.25BL OPENB	EUR											
Certificate	NL0012998603	PORSC62.58BS OPENB	EUR	0,6500	0,6500	0,6500			0,6500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL001298611	PORSC67.54BS OPENB	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012795800	POST LEVOPENZ	EUR	19,1800	19,1800	17,6700			17,6700					
Certificate	NL0012795942	POST SHROPENZ	EUR	83,1300	89,0900	83,1300			89,0900					
Certificate	DE000VA7PVF0	POST 3TS 0319V	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000VA7PVJ2	POST 3TS 1218V	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0010010567	POST 0.7TL OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0010009080	POST 0.9TL OPENB	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0010438750	POST 1.5TL OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CJ3P2E9	POST 1.8TL OPENZ	EUR	0,9350	0,9350	0,8850			0,8850					
Certificate	DE000CJ3P2F6	POST 2.1TL OPENZ	EUR	0,6550	0,6550	0,6050			0,6050					
Certificate	DE000VA8FX58	POST 2.2TL 0319V	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000VA71T55	POST 2.3TL 0319V	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000VA8FX33	POST 2.3TL 1218V	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000VA90V82	POST 2.4TL 0319V	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	DE000VA9CXE3	POST 2.5TS 0319V	EUR											
Certificate	DE000VA9CT72	POST 2.6TS 0319V	EUR											
Certificate	DE000VA9CT80	POST 2.6TS 1218V	EUR											
Certificate	DE000VA9CSL8	POST 2.7TS 0319V	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000VA9CSM6	POST 2.7TS 1218V	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	NL0013149255	POST 2.7TS OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000VA71MD1	POST 2.8TS 0319V	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000VA71MW1	POST 2.8TS 1218V	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000VA71MG4	POST 2.9TS 0319V	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000VA7PS21	POST 3.1TS 0319V	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000VA7PS62	POST 3.1TS 1218V	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0012795397	POST 3.2B0C0319Z	EUR	3,0150	3,0150	2,9700			2,9700					
Certificate	NL0012795389	POST 3.2B0C1218Z	EUR	3,1650	3,1650	3,1400			3,1400					
Certificate	DE000VA7PS39	POST 3.2TS 0319V	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000VA64Y57	POST 3.2TS 1218V	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0013002991	POST 3.2TS OPENB	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0012796445	POST 3.3B0C1219Z	EUR	2,6950	2,6950	2,6400			2,6400					
Certificate	NL0012796213	POST 3.3B0N1219Z	EUR	2,6300	2,6300	2,5650			2,5650					
Certificate	DE000VAGT258	POST 3.3TS 1218V	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0012795710	POST 3.4B0C0919Z	EUR	2,7050	2,7050	2,6500			2,6500					
Certificate	DE000VAGD702	POST 3.4TS 1218V	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000VA3ZZB8	POST 3.5TS 1218V	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000VA3Z2R8	POST 3.6TS 1218V	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000VA4YR65	POST 3.7TS 1218V	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0010376455	POST 1.18TL OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0010887642	POST 1.71TL OPENB	EUR	1,0600	1,0600	1,0350	980,5000	1	1,0350	925				
Certificate	NL0010443503	POST 1.72TL OPENB	EUR	1,1000	1,1050	1,0650	605,0000	1	1,0650	550				
Certificate	NL0010887659	POST 2.09TL OPENB	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	LU1840981564	POST 2.14TCIOPENS	EUR	0,5900	0,5900	0,5100			0,5100					
Certificate	NL0010658993	POST 2.21TL OPENB	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0010875464	POST 2.33TL OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CJ3QK56	POST 2.44TL OPENZ	EUR	0,2150	0,2150	0,1500	2079,0000	5	0,1625	13560				
Certificate	NL0013154990	POST 2.45TS OPENB	EUR											
Certificate	DE000VA7TGB2	POST 2.77TS OPENV	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000VA7TGC0	POST 2.87TS OPENV	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0013110281	POST 2.88B0C0619Z	EUR	2,6550	2,6550	2,6200			2,6200					
Certificate	NL0013110695	POST 2.88B0C0919Z	EUR	2,6050	2,6050	2,5800			2,5800					
Certificate	NL0013005630	POST 2.96TS OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000VA7TGD8	POST 2.97TS OPENV	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0013110299	POST 3.06B0C0919Z	EUR	2,6750	2,6750	2,6300			2,6300					
Certificate	DE000VA7TGE6	POST 3.07TS OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000VA7TGF3	POST 3.17TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0013110307	POST 3.24B0C1219Z	EUR	2,6950	2,6950	2,6400			2,6400					
Certificate	DE000CV89NF2	POST 3.37TS OPENZ	EUR	0,7450	0,7950	0,7450			0,7950					
Certificate	NL0012691026	POST 3.46TS OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	LU1790493339	POST 3.85TPIOPENS	EUR	1,2000	1,2800	1,2000			1,2800					
Certificate	NL0011089560	POST 4.68TS OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CJ3PFU5	POST 1.578TL OPENZ	EUR	1,0650	1,0650	1,0150			1,0150					
Certificate	DE000CV8AWU5	POST 1.775TL OPENZ	EUR	0,8650	0,8650	0,8250			0,8250					
Certificate	NL0013014343	POST 1.9138L OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CV8AUG8	POST 1.975TL OPENZ	EUR	0,6650	0,6650	0,6150			0,6150					
Certificate	DE000CJ3PFV3	POST 2.078TL OPENZ	EUR	0,5650	0,5650	0,4900	2475,0000	2	0,5150	5000				
Certificate	NL0013008758	POST 2.1138L OPENB	EUR	0,5100	0,5100	0,5050	2019,6000	1	0,5050	3960				
Certificate	DE000CN6FUK3	POST 2.179TL OPENZ	EUR	0,4650	0,4650	0,4150	1359,8000	2	0,4150	3190				
Certificate	DE000VA71TF1	POST 2.223TL OPENV	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CF3AQM5	POST 2.297TL OPENC	EUR	0,5900	0,6000	0,5800	5773,0000	3	0,5800	9700				
Certificate	NL0013004716	POST 2.3138L OPENB	EUR	0,3700	0,3700	0,2950	1359,0000	3	0,2950	4075				
Certificate	DE000VA7TGG1	POST 2.323TL OPENV	EUR	0,2950	0,2950	0,2950			0,2950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6FQ54	POST 2.337TL OPENZ	EUR	0,3050	0,3050	0,2400	14144,1800	12	0,2550	55099				
Certificate	DE000VA90VZ5	POST 2.427TL OPENV	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000VA9C3X5	POST 2.464TS OPENV	EUR											
Certificate	DE000VA9CV94	POST 2.565TS OPENV	EUR											
Certificate	NL0013150527	POST 2.579BS OPENB	EUR											
Certificate	DE000VA9CRX5	POST 2.666TS OPENV	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000CJ3P4L0	POST 2.675TS OPENZ	EUR											
Certificate	DE000CJ3N5B0	POST 2.877TS OPENZ	EUR	0,2550	0,3050	0,2550			0,3050					
Certificate	NL0013007032	POST 2.878BS OPENB	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000CJ3N2S2	POST 3.125TS OPENZ	EUR	0,4950	0,5450	0,4950			0,5450					
Certificate	NL0013003692	POST 3.177BS OPENB	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000VA6T2N2	POST 3.273TS OPENV	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA3TES0	POST 3.465TS OPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012998249	POST 3.476BS OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CV8AU00	POST 3.566TS OPENZ	EUR	0,9350	0,9850	0,9350			0,9850					
Certificate	DE000VN66NU6	POST 4.606TS OPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0013015407	PROX 22TL OPENB	EUR	3,8650	3,8650	3,8650			3,8650					
Certificate	NL0012976492	PROX 15.8TL OPENB	EUR	9,5750	9,5750	9,5750			9,5750					
Certificate	NL0012971253	PROX 17.3TL OPENB	EUR	8,2550	8,2550	8,2550			8,2550					
Certificate	NL0012790505	PROX 18.8TL OPENB	EUR	6,7650	6,8150	6,7650			6,8150					
Certificate	NL0013007883	PROX 20.4TL OPENB	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	NL0013000763	PROX 24.1TS OPENB	EUR											
Certificate	NL0013012289	PROX 25.5TS OPENB	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	NL0012695548	PROX 27.1TS OPENB	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	DE000CJ3N569	PROX 12.64TL OPENZ	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000CV89G58	PROX 16.65TL OPENZ	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000CD63765	PROX 18.65TL OPENZ	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000CJ3N229	PROX 20.64TL OPENZ	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CJ3QLW7	PROX 22.64TL OPENZ	EUR											
Certificate	DE000CJ3N4M0	PRU 10.77TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CV87TG1	PRU 12.78TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CJ3PQL1	PRU 14.28TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CD61QU1	PSI20 3480TL OPENZ	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	DE000CN6HNE7	PSI20 3787TL OPENZ	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	DE000CR6XM14	PSI20 4099TL OPENZ	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	DE000CE6BFN8	PSI20 4400TL OPENZ	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CE6CQ07	PSI20 4699TL OPENZ	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000CJ3PNP9	PSI20 5293TS OPENZ	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000CE6CSX8	PSI20 5691TS OPENZ	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	DE000CE6EYF9	PSI20 6088TS OPENZ	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	DE000CV4ZC42	PSI20 6484TS OPENZ	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	DE000CJ3P7P4	PSMG 11.1TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013150824	PSMG 16.5TL OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013150899	PSMG 19.9TS OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0012794663	PSMG 25.8TS OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CJ3PL64	PSMG 13.13TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0013150816	PSMG 14.99TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CV89QY6	PSMG 15.13TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0013010226	PSMG 22.86TS OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0012788848	PSMG 28.74TS OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0012685705	PSMG 31.65TS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CJ3N815	PST 4.46TL OPENZ	EUR	2,5500	2,5500	2,4600			2,4600					
Certificate	DE000CV8AUT1	PST 5.25TL OPENZ	EUR	1,7900	1,7900	1,7100			1,7100					
Certificate	DE000CJ3PWD6	PST 6.05TL OPENZ	EUR	1,0000	1,0000	0,9200			0,9200					
Certificate	DE000CV87W35	PUBLI39.88TL OPENZ	EUR	1,3450	1,3600	1,3450			1,3600					
Certificate	DE000CV4YXP2	PUBLI44.93TL OPENZ	EUR	0,8450	0,8600	0,8450			0,8600					
Certificate	NL0009863422	QUALC 35TL OPENB	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0012020440	QUALC 85.5TS OPENB	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	DE000CE6BQT2	RANDS LEVOPENZ	EUR	8,8150	8,8150	8,4650			8,4650					
Certificate	NL0012796049	RANDS SHROPENZ	EUR	69,6900	72,4500	69,6900			72,4500					
Certificate	DE000CP06W27	RANDS 32TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CP07A36	RANDS 32TL OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	LU1876931871	RANDS 36TCIOPENS	EUR	6,8900	6,8900	6,2000			6,2000					
Certificate	DE000CP23532	RANDS 36TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CP232J0	RANDS 36TL OPENC	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	LU1876931954	RANDS 37TCIOPENS	EUR	5,9000	5,9000	5,2100			5,2100					
Certificate	LU1876932093	RANDS 38TCIOPENS	EUR	4,9100	4,9100	4,2200			4,2200					
Certificate	DE000VA8FU93	RANDS 38TL 0319V	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	LU1876932176	RANDS 39TCIOPENS	EUR	3,9200	3,9200	3,2300			3,2300					
Certificate	DE000VA71NB3	RANDS 39TL 0319V	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000VA71ND9	RANDS 40TL 0319V	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000VA71T89	RANDS 40TL 1218V	EUR	0,2550	0,2550	0,2550			0,2550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06X06	RANDS 40TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP07A44	RANDS 40TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000VA90VL5	RANDS 41TL 0319V	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	LU1876932259	RANDS 42TCIOPENS	EUR											
Certificate	DE000VA90SC0	RANDS 42TS 0319V	EUR											
Certificate	LU1876937647	RANDS 43TCPIOPENS	EUR	1,2000	1,8900	1,2000			1,8900					
Certificate	DE000VA9C5H3	RANDS 43TS 0319V	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	LU1876937720	RANDS 44TCPIOPENS	EUR	2,1900	2,8800	2,1900			2,8800					
Certificate	DE000VA9C2G2	RANDS 44TS 0319V	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	DE000CP232K8	RANDS 44TS OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CP23540	RANDS 44TS OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	LU1876937993	RANDS 45TCPIOPENS	EUR	3,1700	3,8600	3,1700			3,8600					
Certificate	DE000VA9CSP9	RANDS 45TS 0319V	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000VA9CSQ7	RANDS 45TS 1218V	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	LU1876938025	RANDS 46TCPIOPENS	EUR	4,1600	4,8500	4,1600			4,8500					
Certificate	DE000VA71M52	RANDS 46TS 0319V	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000VA71NM0	RANDS 46TS 1218V	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000VA7PVK0	RANDS 47TS 0319V	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000VA64XQ5	RANDS 47TS 1218V	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	LU1840912593	RANDS 48TCPIOPENS	EUR	5,9600	6,6500	5,9600			6,6500					
Certificate	DE000VA7PS70	RANDS 48TS 0319V	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000VA6T274	RANDS 48TS 1218V	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CP06X22	RANDS 48TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP07A69	RANDS 48TS OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000VA7PS88	RANDS 49TS 0319V	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012796239	RANDS 50BON0619Z	EUR	44,0900	44,0900	43,6400			43,6400					
Certificate	NL0012796247	RANDS 50BON0919Z	EUR	43,3400	43,3400	42,9100			42,9100					
Certificate	NL0012796254	RANDS 50BON1219Z	EUR	42,8400	42,8400	42,4500			42,4500					
Certificate	DE000VA7PS96	RANDS 50TS 0319V	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000VA6TYE1	RANDS 50TS 1218V	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013003262	RANDS 51BOC0919B	EUR	42,7100	42,7100	42,7100			42,7100					
Certificate	NL0012796312	RANDS 51BOC1219Z	EUR	44,1700	44,1700	43,9100			43,9100					
Certificate	DE000VA7PTA5	RANDS 51TS 0319V	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000VA6EE39	RANDS 51TS 1218V	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CQ5A7Z3	RANDS 52TL OPENC	EUR											
Certificate	DE000CY52J55	RANDS 52TL OPENC	EUR											
Certificate	DE000VA6EE7	RANDS 52TS 1218V	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000VA6D5L7	RANDS 54TS 1218V	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000CQ58ZA1	RANDS 56TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000VA4RNE3	RANDS 57TS 1218V	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0012676274	RANDS 60BOC1218B	EUR	42,2000	42,2000	42,2000			42,2000					
Certificate	DE000VASELZ7	RANDS 60TS 1218V	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0010011979	RANDS 10.9TL OPENB	EUR	31,8450	31,8450	31,8450			31,8450					
Certificate	NL0010283974	RANDS 19.7TL OPENB	EUR	23,8350	23,8350	23,8350			23,8350					
Certificate	NL0012366298	RANDS 21.4TL OPENH	EUR	22,9300	22,9300	22,6800			22,6800					
Certificate	NL0010379558	RANDS 22.6TL OPENB	EUR	21,1550	21,1550	21,1550			21,1550					
Certificate	NL0010887717	RANDS 23.3TL OPENB	EUR	20,5150	20,5150	20,5150			20,5150					
Certificate	NL0011230503	RANDS 25.6TL OPENH	EUR	19,1100	19,1100	18,8600			18,8600					
Certificate	NL0010893673	RANDS 26.3TL OPENB	EUR	17,8450	17,8450	17,8450			17,8450					
Certificate	NL0010901682	RANDS 27.3TL OPENB	EUR	16,8850	16,8850	16,8850			16,8850					
Certificate	NL0011905336	RANDS 28.9TL OPENB	EUR	15,4050	15,4050	15,4050			15,4050					
Certificate	NL0011906706	RANDS 32.1TL OPENB	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	NL0011912175	RANDS 33.7TL OPENB	EUR	11,0950	11,0950	11,0950			11,0950					
Certificate	NL0011916085	RANDS 35.2TL OPENB	EUR	9,9600	9,9600	9,6950	1045,8000	1	9,6950	105				
Certificate	NL0012021182	RANDS 36.8TL OPENB	EUR	8,2850	8,2850	8,2850			8,2850					
Certificate	NL0012022834	RANDS 38.3TL OPENB	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	NL0012025654	RANDS 39.9TL OPENB	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	NL0013157472	RANDS 41.4TL OPENB	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	NL0013155005	RANDS 43.2TS OPENB	EUR	6,3050	6,3050	6,3050			6,3050					
Certificate	DE000VA9CRZ0	RANDS 45.1TS OPENV	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013149263	RANDS 45.2TS OPENB	EUR	8,5950	8,5950	8,5950			8,5950					
Certificate	NL0013003007	RANDS 47.2TS OPENB	EUR	10,7950	10,7950	10,7950			10,7950					
Certificate	DE000VA64X25	RANDS 47.2TS OPENV	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000VA6T2R3	RANDS 48.2TS OPENV	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013001993	RANDS 49.2TS OPENB	EUR	12,9850	12,9850	12,9850			12,9850					
Certificate	NL0013000144	RANDS 50.6TS OPENB	EUR	14,6150	14,6150	14,6150			14,6150					
Certificate	NL0012494629	RANDS 56.5BOC1218B	EUR	51,3700	51,3700	51,3700			51,3700					
Certificate	NL0012696876	RANDS 56.7TS OPENB	EUR	21,2750	21,2750	21,2750			21,2750					
Certificate	DE000CE6BK5	RANDS 59.3TS OPENZ	EUR	3,3750	3,4450	3,3750			3,4450					
Certificate	NL0012365449	RANDS 73.5TS OPENH	EUR	39,1800	39,6000	39,1800			39,6000					
Certificate	NL0012366306	RANDS12.21TL OPENH	EUR	31,3000	31,3000	31,0400			31,0400					
Certificate	NL0011721857	RANDS16.95TL OPENH	EUR	26,9800	26,9800	26,7300			26,7300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011904297	RANDS25.53BL OPENB	EUR	16,6850	16,6850	16,6850			16,6850					
Certificate	NL0010901500	RANDS26.59BL OPENB	EUR	15,5850	15,5850	15,5850			15,5850					
Certificate	DE000CJ3QCX4	RANDS27.88TL OPENZ	EUR	3,1450	3,1450	3,0750			3,0750					
Certificate	DE000CJ3NUG8	RANDS28.08TL OPENZ	EUR	2,9050	2,9050	2,8450			2,8450					
Certificate	NL0010901518	RANDS28.27BL OPENB	EUR	13,9050	13,9050	13,9050			13,9050					
Certificate	NL0011927009	RANDS29.47TL OPENH	EUR	15,5900	15,5900	15,3300			15,3300					
Certificate	NL0011926985	RANDS31.55TL OPENH	EUR	13,7000	13,7000	13,4500			13,4500					
Certificate	NL0011927991	RANDS32.58TL OPENH	EUR	12,7600	12,7600	12,5000			12,5000					
Certificate	DE000CJ3N526	RANDS32.88TL 1218Z	EUR	1,9950	1,9950	1,9250			1,9250					
Certificate	DE000CD624N4	RANDS32.88TL OPENZ	EUR	10,9500	10,9500	10,6100			10,6100					
Certificate	DE000CD625J9	RANDS34.08TL OPENZ	EUR	8,5500	8,5500	8,2200			8,2200					
Certificate	DE000CJ3P3Y5	RANDS34.38TL 0319Z	EUR	1,6950	1,6950	1,6250			1,6250					
Certificate	NL0011934161	RANDS34.66TL OPENH	EUR	10,8700	10,8700	10,6100			10,6100					
Certificate	LU1840981648	RANDS34.71TCIOPENS	EUR	8,0800	8,0800	7,3800			7,3800					
Certificate	DE000CJ3N534	RANDS35.88TL 1218Z	EUR	1,3950	1,3950	1,3250			1,3250					
Certificate	DE000CD62KD8	RANDS35.96TL OPENZ	EUR	7,9800	7,9800	7,6400			7,6400					
Certificate	DE000CD62874	RANDS36.56TL OPENZ	EUR	6,1000	6,1000	5,3000	265,0000	1	5,7600	50				
Certificate	DE000VA8FT47	RANDS36.66TL OPENV	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0011979406	RANDS36.71TL OPENH	EUR	9,0000	9,0000	8,3500	993,6500	1	8,7400	119				
Certificate	NL0011917349	RANDS36.76BL OPENB	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	DE000CJ3P322	RANDS37.38TL 0319Z	EUR	1,0950	1,0950	1,0350			1,0350					
Certificate	DE000VA7TGN7	RANDS37.67TL OPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0011979851	RANDS37.74TL OPENH	EUR	8,0600	8,0600	7,8100			7,8100					
Certificate	NL0012021380	RANDS37.82BL OPENB	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	DE000VA7TGP2	RANDS38.67TL OPENV	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0011988985	RANDS38.76TL OPENH	EUR	7,1300	7,1300	6,8700			6,8700					
Certificate	NL0012021893	RANDS38.87BL OPENB	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	DE000CJ3NSX7	RANDS38.88TL 1218Z	EUR	0,7950	0,7950	0,7350			0,7350					
Certificate	DE000CX59GM1	RANDS38.94TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CD639K8	RANDS39.53TL OPENZ	EUR	3,1500	3,1500	2,8200			2,8200					
Certificate	DE000VA64X33	RANDS39.68TL OPENV	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0011989793	RANDS39.78TL OPENH	EUR	6,2000	6,2000	5,9400			5,9400					
Certificate	NL0013016512	RANDS39.87BL OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	LU1817373365	RANDS40.11TCIOPENS	EUR	2,7000	2,7000	2,0000			2,0000					
Certificate	DE000VA8FZT1	RANDS40.73TL OPENV	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	NL0011990429	RANDS40.81TL OPENH	EUR	5,2700	5,2700	5,0100			5,0100					
Certificate	NL0013157787	RANDS40.87BL OPENB	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000VA90RK5	RANDS42.07TS OPENV	EUR											
Certificate	NL0013184757	RANDS43.04TS OPENH	EUR	5,4600	5,8800	5,4600			5,8800					
Certificate	NL0013155575	RANDS43.07BS OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VA9C3Y3	RANDS43.07TS OPENV	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	NL0013153034	RANDS44.06BS OPENB	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	DE000VA9C142	RANDS44.07TS OPENV	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	NL0013150535	RANDS45.06BS OPENB	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0013085186	RANDS45.72TS OPENH	EUR	8,3700	8,7900	8,3700			8,7900					
Certificate	NL0013009053	RANDS46.05BS OPENB	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000VA7TGL1	RANDS46.16TS OPENV	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013002652	RANDS47.04BS OPENB	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	NL0012905202	RANDS47.58TS OPENH	EUR	10,4400	10,8600	10,4400			10,8600					
Certificate	DE000CJ3N5C8	RANDS48.83TS OPENZ	EUR	1,2850	1,3550	1,2850			1,3550					
Certificate	DE000VA3Z1A6	RANDS49.12TL OPENV	EUR											
Certificate	NL0013000516	RANDS49.32BS OPENB	EUR	8,1650	8,1650	8,1650			8,1650					
Certificate	NL0012902407	RANDS49.68TS OPENH	EUR	12,7600	13,1900	12,7600			13,1900					
Certificate	DE000VA6TXY1	RANDS49.91TS OPENV	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	LU1817382788	RANDS50.16TCIOPENS	EUR	8,1300	8,8300	8,1300			8,8300					
Certificate	DE000VA6EEY3	RANDS50.91TS OPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012901177	RANDS51.66TS OPENH	EUR	14,9600	15,3800	14,9600			15,3800					
Certificate	DE000VA6EEZ0	RANDS51.91TS OPENV	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	LU1817291633	RANDS52.54TCIOPENS	EUR	10,5100	11,2100	10,5100			11,2100					
Certificate	NL0012898050	RANDS53.63TS OPENH	EUR	17,1400	17,5600	17,1400			17,5600					
Certificate	NL0012976658	RANDS54.25BOC0619B	EUR	44,5500	44,5500	44,5500			44,5500					
Certificate	DE000CJ3NMJ9	RANDS54.31TS OPENZ	EUR	2,3750	2,4450	2,3750			2,4450					
Certificate	LU1790569179	RANDS54.46TCIOPENS	EUR	12,4300	13,1400	12,4300			13,1400					
Certificate	NL0012697015	RANDS55.24BS OPENB	EUR	14,0850	14,0850	14,0850			14,0850					
Certificate	NL0011241484	RANDS56.08TS OPENH	EUR	19,8600	20,2800	19,8600			20,2800					
Certificate	NL0012793053	RANDS56.65BOC1218B	EUR	42,2000	42,2000	42,2000			42,2000					
Certificate	DE000CR9R8F8	RANDS56.67TS OPENZ	EUR	16,5500	16,8900	16,5500			16,8900					
Certificate	NL0012648455	RANDS57.17BOC0619Z	EUR	50,2700	50,2700	49,7450			49,7450					
Certificate	NL0011230073	RANDS59.65TS OPENH	EUR	23,8200	24,2300	23,8200			24,2300					
Certificate	DE000VN66N53	RANDS60.89TS OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0012601033	RANDS62.54TS OPENH	EUR	27,0300	27,4500	27,0300			27,4500					
Certificate	NL0012602791	RANDS62.57TS OPENH	EUR	27,0600	27,4800	27,0600			27,4800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY16C73	RANDS62.59TS OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0011721832	RANDS63.04TS OPENH	EUR	27,5800	28,0000	27,5800			28,0000					
Certificate	NL0012649149	RANDS64.07BOC1218Z	EUR	42,9700	42,9700	42,6400			42,6400					
Certificate	NL0012366272	RANDS66.75TS OPENC	EUR	31,7000	32,1100	31,7000			32,1100					
Certificate	NL0012649156	RANDS67.02BOC0619Z	EUR	41,1700	41,1700	40,8400			40,8400					
Certificate	NL0012581136	RANDS67.03TS OPENC	EUR	32,0100	32,4300	32,0100			32,4300					
Certificate	NL0012366264	RANDS69.65TS OPENC	EUR	34,9200	35,3300	34,9200			35,3300					
Certificate	NL0012366256	RANDS72.56TS OPENC	EUR	38,1400	38,5500	38,1400			38,5500					
Certificate	NL0012313266	RANDS73.38TS OPENC	EUR	39,0500	39,4700	39,0500			39,4700					
Certificate	NL0012536775	RANDS79.22TS OPENC	EUR	45,5200	45,9400	45,5200			45,9400					
Certificate	NL0012586762	RANDS86.04TS OPENC	EUR	53,1000	53,5200	53,1000			53,5200					
Certificate	NL0012558308	RANDS86.48TS OPENC	EUR	53,5800	54,0000	53,5800			54,0000					
Certificate	NL0012579346	RANDS86.67TS OPENC	EUR	53,7900	54,2100	53,7900			54,2100					
Certificate	DE000CV87R25	RB 41.84TL OPENC	EUR	2,9250	2,9250	2,7750			2,7750					
Certificate	DE000CV87JR9	RB 46.93TL OPENC	EUR	2,3450	2,3450	2,1950			2,1950					
Certificate	DE000CV4YXY4	RB 51.99TL OPENC	EUR	1,7750	1,7750	1,6350			1,6350					
Certificate	DE000CJ3PTV4	RB 58.95TL OPENC	EUR	0,9950	0,9950	0,8550			0,8550					
Certificate	XS0215447441	RB FX/IL 6%20	EUR											
Certificate	XS0422117530	RB ROB M 0%28MAY19	EUR											
Certificate	XS0262561789	RB SPREAD 4.552%21	EUR	103,1800	103,1800	103,1800			103,1800					
Certificate	XS0295385065	RB SPREAD T 0%22	EUR											
Certificate	NL0000459816	RBSBI PI OPENN	EUR	23,5200	24,0000	23,5200			24,0000					
Certificate	NL0009067883	RDX 323TL OPENC	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000CY51CF9	RELX 14TL OPENC	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000CP06X30	RELX 15TL OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CP06X48	RELX 16TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CP23557	RELX 20TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CP06X63	RELX 20TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CY51AR8	RELX 22TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0009988807	RELX 3.2TL OPENC	EUR	24,2400	24,2400	24,2400			24,2400					
Certificate	NL0010516969	RELX 7.6TL OPENC	EUR	17,9200	17,9200	17,9200			17,9200					
Certificate	NL0010904165	RELX 10.9TL OPENC	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0012033872	RELX 14.2TL OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012109482	RELX 15.3TL OPENC	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012779870	RELX 16.3TL OPENC	EUR	3,5200	3,5500	3,5200	1056,0000	1	3,5500	300				
Certificate	NL0013184765	RELX 18.4TS OPENC	EUR											
Certificate	NL0012848089	RELX 19.4TS OPENC	EUR											
Certificate	NL0012649172	RELX 19.5BOC0619Z	EUR	19,2550	19,2550	19,2500			19,2500					
Certificate	NL0012112403	RELX 20.2TS OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012788855	RELX 21.7TS OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012993802	RELX 22.18S OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012980585	RELX 23.1TS OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012980826	RELX 23.9TS OPENC	EUR											
Certificate	DE000CF3AD69	RELX 8.18TL OPENC	EUR											
Certificate	DE000CR4HQ77	RELX 10.76TL OPENC	EUR	7,9300	8,0800	7,9300			8,0800					
Certificate	NL0011052949	RELX 10.92TL OPENC	EUR											
Certificate	DE000CR6X8J5	RELX 12.45TL OPENC	EUR	6,2300	6,3950	6,2300			6,3950					
Certificate	NL0011742101	RELX 12.61TL OPENC	EUR											
Certificate	DE000CR9SCD9	RELX 13.44TL OPENC	EUR	5,2500	5,4050	5,2500			5,4050					
Certificate	NL0011996368	RELX 13.65TL OPENC	EUR											
Certificate	NL0012051171	RELX 14.64TL OPENC	EUR											
Certificate	NL0012098925	RELX 14.88BL OPENC	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CD646C0	RELX 14.93TL OPENC	EUR	3,7600	3,9150	3,7600			3,9150					
Certificate	NL0012565550	RELX 14.95TL OPENC	EUR											
Certificate	NL0012565543	RELX 15.46TL OPENC	EUR											
Certificate	NL0012689988	RELX 15.92BL OPENC	EUR	2,8600	2,9400	2,8600	80,0800	1	2,9400	28				
Certificate	DE000CJ3NSD9	RELX 16.42TL OPENC	EUR	2,2800	2,4350	2,2800			2,4350					
Certificate	NL0012602825	RELX 16.47TL OPENC	EUR	3,3600	3,3600	3,3600	252,0000	1	3,3600	75				
Certificate	NL0013130651	RELX 16.97TL OPENC	EUR											
Certificate	NL0012245187	RELX 19.89TS OPENC	EUR											
Certificate	NL0012311088	RELX 19.94TS OPENC	EUR											
Certificate	NL0012785554	RELX 20.12BS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012199681	RELX 20.36TS OPENC	EUR											
Certificate	NL0012792725	RELX 21.11BS OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0011052873	RELX 21.86TS OPENC	EUR											
Certificate	NL0012056436	RENAU 52TL OPENC	EUR	13,7300	14,2500	13,7300	351,5000	1	14,2500	25				
Certificate	NL0012586770	RENAU 100.TS OPENC	EUR	45,8800	45,8800	45,6200			45,6200					
Certificate	NL0012538151	RENAU 139.TS OPENC	EUR	87,9500	87,9500	87,6900			87,6900					
Certificate	NL0012864920	RENAU 96.3TS OPENC	EUR	41,8600	41,8600	41,6000			41,6000					
Certificate	NL0012556245	RENAU100.1TS OPENC	EUR	45,9400	45,9400	45,6800			45,6800					
Certificate	NL0012579395	RENAU100.1TS OPENC	EUR	45,9400	45,9400	45,6800			45,6800					
Certificate	NL0011415088	RENAU103.3TS OPENC	EUR	49,4000	49,4000	49,1400			49,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012602833	RENAU111.2TS OPENH	EUR	57,9200	57,9200	57,6600			57,6600					
Certificate	NL0012601058	RENAU111.4TS OPENH	EUR	58,1500	58,1500	57,8900			57,8900					
Certificate	NL0011729330	RENAU116.3TS OPENH	EUR	63,4600	63,4600	63,2000			63,2000					
Certificate	NL0011732359	RENAU116.4TS OPENH	EUR	63,5400	63,5400	63,2900			63,2900					
Certificate	NL0012592851	RENAU138.8TS OPENH	EUR	87,6700	87,6700	87,4100			87,4100					
Certificate	NL0012601884	RENAU138.8TS OPENH	EUR	87,7000	87,7000	87,4400			87,4400					
Certificate	NL0012558316	RENAU139.4TS OPENH	EUR	88,3200	88,3200	88,0600			88,0600					
Certificate	NL0013185051	RENAU24.09TL OPENH	EUR	39,7400	40,2500	39,7400			40,2500					
Certificate	NL0011415229	RENAU41.94TL OPENH	EUR	23,1000	23,6100	23,1000			23,6100					
Certificate	DE000CJ3PHW7	RENAU43.03TL OPENZ	EUR	19,0900	19,6400	19,0900			19,6400					
Certificate	NL0012203061	RENAU47.48TL OPENH	EUR	17,9400	18,4500	17,9400			18,4500					
Certificate	DE000CJ3QH51	RENAU47.55TL OPENZ	EUR	1,4550	1,5150	1,4550	35119,8000	3	1,5150	23840				
Certificate	DE000CR9SQG2	RENAU53.06TL OPENZ	EUR	9,0800	9,6300	9,0800			9,6300					
Certificate	DE000CJ3QK64	RENAU58.55TL OPENZ	EUR	0,3750	0,4350	0,3750	3517,0000	2	0,4350	8650				
Certificate	NL0013185218	RENAU60.09TL OPENH	EUR	6,2500	6,7600	6,2500			6,7600					
Certificate	NL0013185044	RENAU60.09TS OPENH	EUR											
Certificate	NL0012919807	RENAU79.68TS OPENH	EUR	23,9200	23,9200	23,6600			23,6600					
Certificate	NL0012918718	RENAU83.64TS OPENH	EUR	28,1900	28,1900	27,9300			27,9300					
Certificate	NL0012864938	RENAU84.43TS OPENH	EUR	29,0400	29,0400	28,7900			28,7900					
Certificate	NL0012605653	RENAU91.52TS OPENH	EUR	36,6900	36,6900	36,4300			36,4300					
Certificate	NL0012601066	RENAU95.63TS OPENH	EUR	41,1300	41,1300	40,8700			40,8700					
Certificate	NL0012536791	RENAU99.95TS OPENH	EUR	45,7900	45,7900	45,5300			45,5300					
Certificate	NL0012525208	RENAU99.97TS OPENH	EUR	45,8100	45,8100	45,5600			45,5600					
Certificate	DE000CE6CC84	REPSO 13.7TL OPENZ	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CD639L6	REPSO11.01TL OPENZ	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CD611L4	REPSO9.517TL OPENZ	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0006343873	RICCO PI OPENN	EUR	5,2900	5,2900	5,2700			5,2700					
Certificate	NL0006066193	RICEN PI OPENN	EUR	5,5500	5,5500	5,5400			5,5400					
Certificate	DE000CJ3QAR0	RICHE44.05TL OPENZ	EUR	1,0450	1,0450	1,0350			1,0350					
Certificate	DE000CJ3N4N8	RICHE52.05TL OPENZ	EUR	0,7050	0,7050	0,6950			0,6950					
Certificate	DE000CV8AXY5	RICHE60.99TL OPENZ	EUR	0,3150	0,3150	0,3050			0,3050					
Certificate	NL0006343907	RIEHI PI OPENN	EUR	9,8500	10,0300	9,8500			10,0300					
Certificate	NL0006066219	RIEHM PI OPENN	EUR	11,1800	11,3300	11,1800			11,3300					
Certificate	NL0009057728	RIEHN PI OPENN	EUR	1,8200	1,8500	1,8200			1,8500					
Certificate	NL0006343865	RIEHP PI OPENN	EUR	16,3000	16,8300	16,3000			16,8300					
Certificate	DE000CW42Y69	RIM 6TL OPENC	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CY512M8	RIM 8TL OPENC	EUR											
Certificate	NL0010523932	RIM 4.7TL OPENB	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0010283321	RIM 18.5TS OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CF504T3	RIM 4.179TL OPENC	EUR											
Certificate	DE000CF50455	RIM 5.223TL OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CD63V69	RIOTI 27.6TL OPENZ	EUR											
Certificate	DE000CD61VJ4	RIOTI19.33TL OPENZ	EUR											
Certificate	DE000CD63DD1	RIOTI24.06TL OPENZ	EUR											
Certificate	DE000CE6E390	RIOTI31.63TL OPENZ	EUR											
Certificate	DE000CJ3PV82	RIOTI35.61TL OPENZ	EUR											
Certificate	DE000CJ3POV7	RMG 2.29TL OPENZ	EUR	1,2750	1,2750	1,2350			1,2350					
Certificate	DE000CJ3NX39	RMG 2.74TL OPENZ	EUR	0,8050	0,8050	0,7550			0,7550					
Certificate	DE000CJ3QJ83	RMG 3.14TL OPENZ	EUR	0,3550	0,3550	0,3150			0,3150					
Certificate	XS0269906961	RO CLEAN TC 0%22	EUR											
Certificate	XS0239558819	RO PRIV EQ 0%19	EUR	20,1700	20,1700	20,1700	1008,5000	1	20,1700	5000				
Certificate	NL0010125696	ROCHE119.2TL OPENB	EUR	12,3900	12,5700	12,3900			12,5700					
Certificate	DE000CV89E27	ROCHE140.1TL OPENZ	EUR	9,9100	10,1900	9,9100			10,1900					
Certificate	DE000CV87RR2	ROCHE160.4TL OPENZ	EUR	8,1100	8,3900	8,1100			8,3900					
Certificate	NL0010289013	ROCHE179.5TL OPENB	EUR	7,4200	7,5900	7,4200			7,5900					
Certificate	DE000CD63AH8	ROCHE180.6TL OPENZ	EUR	6,3200	6,6000	6,3200			6,6000					
Certificate	NL0012970636	ROCHE197.8TL OPENB	EUR	5,9200	6,0900	5,9200			6,0900					
Certificate	DE000CR6Y740	ROCHE206.4TL OPENZ	EUR	4,0200	4,3050	4,0200			4,3050					
Certificate	NL0012974091	ROCHE207.6TL OPENB	EUR	5,1100	5,2800	5,1100			5,2800					
Certificate	NL0012980494	ROCHE217.8TL OPENB	EUR	4,2700	4,4400	4,2700			4,4400					
Certificate	DE000CV8ADG4	ROCHE226.3TL OPENZ	EUR	2,2800	2,5750	2,2800			2,5750					
Certificate	NL0012984546	ROCHE228.6TL OPENB	EUR	3,3700	3,5500	3,3700			3,5500					
Certificate	NL0012107577	ROCHE259.4TS OPENB	EUR	2,6100	2,6100	2,4300			2,4300					
Certificate	NL0012984660	ROCHE285.5TS OPENB	EUR	5,1200	5,1200	4,9300			4,9300					
Certificate	NL0009592245	ROCHE72.08TL OPENB	EUR	16,2800	16,4600	16,2800			16,4600					
Certificate	NL0012201784	ROCKT 12.6TL OPENH	EUR	1,2900	1,3100	1,2900			1,3100					
Certificate	NL0012206981	ROCKT 15.2TL OPENH	EUR	1,0700	1,1000	1,0700			1,1000					
Certificate	NL0012212062	ROCKT 16.1TL OPENH	EUR	1,0000	1,0300	1,0000			1,0300					
Certificate	DE000CJ3NSD6	ROCKT 16.8TL OPENZ	EUR	0,6550	0,6650	0,6550			0,6650					
Certificate	NL0012433478	ROCKT 17.1TL OPENH	EUR	0,9100	0,9400	0,9100			0,9400					
Certificate	NL0012433460	ROCKT 17.6TL OPENH	EUR	0,8700	0,9000	0,8700			0,9000					
Certificate	NL0012433924	ROCKT 18.6TL OPENH	EUR	0,7800	0,8100	0,7800			0,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012516199	ROCKT 19.1TL OPENH	EUR	0,7400	0,7700	0,7400			0,7700					
Certificate	NL0012541411	ROCKT 19.7TL OPENH	EUR	0,7000	0,7200	0,7000			0,7200					
Certificate	NL0012546527	ROCKT 20.2TL OPENH	EUR	0,6600	0,6800	0,6600			0,6800					
Certificate	NL0012550198	ROCKT 20.6TL OPENH	EUR	0,6100	0,6400	0,6100			0,6400					
Certificate	NL0012565584	ROCKT 21.2TL OPENH	EUR	0,5700	0,6000	0,5700			0,6000					
Certificate	NL0012864961	ROCKT 21.6TL OPENH	EUR	0,5300	0,5600	0,5300			0,5600					
Certificate	NL0012922413	ROCKT 33.8TS OPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CV8A4U8	ROCKT20.32TL OPENZ	EUR	0,3050	0,3150	0,3050			0,3150					
Certificate	DE000CN6JRH7	RR 5.648TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CN6JYA8	RR 6.365TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CV8A7Y3	RTL 42.1TL OPENZ	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CJ3PR43	RTL 37.11TL OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CN6JQX6	RTL 47.32TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0000458180	RUSLAND CT OPENN	EUR	136,1000	136,1000	136,1000			136,1000					
Certificate	NL0013011190	RUSSL 1238BL OPENB	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0012683536	RUSSL 1338BL OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012684062	RUSSL 1353TL OPENB	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	NL0012678833	RUSSL 1442BL OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012679229	RUSSL 1458TL OPENB	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013006471	RUSSL 1663TS OPENB	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	NL0013004344	RUSSL 1694BS OPENB	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0013006489	RUSSL 1863TS OPENB	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	NL0012971576	RUSSL 1894BS OPENB	EUR	3,4050	3,4050	3,4050			3,4050					
Certificate	NL0012979405	RUSSL 2094BS OPENB	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	NL0012687685	RWE 14TL OPENB	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	NL0012611826	RWE 14TL OPENH	EUR	0,6600	0,6600	0,6300			0,6300					
Certificate	NL0012611818	RWE 15TL OPENH	EUR	0,5600	0,5600	0,5400			0,5400					
Certificate	NL0012611800	RWE 16TL OPENH	EUR	0,4700	0,4700	0,4400			0,4400					
Certificate	NL0011426051	RWE 7.6TL OPENB	EUR	12,2350	12,2350	12,2350			12,2350					
Certificate	NL0011416623	RWE 7.7TL OPENH	EUR	1,3000	1,3000	1,2800			1,2800					
Certificate	NL0011416615	RWE 8.7TL OPENH	EUR	1,2100	1,2100	1,1800			1,1800					
Certificate	NL0011798988	RWE 9.9TL OPENB	EUR	10,0950	10,0950	10,0950			10,0950					
Certificate	NL0011721923	RWE 10.7TL OPENH	EUR	1,0100	1,0100	0,9900			0,9900					
Certificate	NL0012175541	RWE 12.7TL OPENH	EUR	0,8100	0,8100	0,7900			0,7900					
Certificate	NL0012201792	RWE 13.7TL OPENH	EUR	0,7200	0,7200	0,7000			0,7000					
Certificate	NL0013005846	RWE 15.1TL OPENB	EUR	5,2650	5,2650	5,2650			5,2650					
Certificate	NL0013005853	RWE 16.1TL OPENB	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0013149214	RWE 17.2TL OPENB	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	NL0013154222	RWE 18.2TL OPENB	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0013182827	RWE 18.9TL OPENH	EUR											
Certificate	NL0013186141	RWE 19.4TS OPENH	EUR											
Certificate	NL0013005994	RWE 19.7TS OPENB	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0013004294	RWE 21.7TS OPENB	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	NL0012611768	RWE 23.4TS OPENH	EUR	0,5700	0,5900	0,5700			0,5900					
Certificate	NL0012611750	RWE 24.9TS OPENH	EUR	0,7200	0,7500	0,7200			0,7500					
Certificate	NL0012611743	RWE 25.4TS OPENH	EUR	0,7800	0,8000	0,7800			0,8000					
Certificate	NL0012611735	RWE 27.4TS OPENH	EUR	0,9900	1,0100	0,9900			1,0100					
Certificate	NL0012611727	RWE 29.4TS OPENH	EUR	1,2000	1,2200	1,2000			1,2200					
Certificate	NL0012611982	RWE 31.3TS OPENH	EUR	1,4100	1,4300	1,4100			1,4300					
Certificate	NL0012928758	RWE 33.3TS OPENH	EUR	1,6200	1,6400	1,6200			1,6400					
Certificate	DE000CD64E36	RWE 11.38TL OPENZ	EUR	8,1300	8,1300	8,0200			8,0200					
Certificate	DE000CE6C3K7	RWE 13.89TL OPENZ	EUR	5,6000	5,6000	5,5050			5,5050					
Certificate	DE000CV87Y74	RWE 15.88TL OPENZ	EUR	3,6300	3,6700	3,5250			3,5250					
Certificate	DE000CJ3QDY0	RWE 17.88TL OPENZ	EUR	1,6600	1,7200	1,5500	1835,0000	1	1,5550	500				
Certificate	DE000VN6M5F1	RX10L LEVOPENV	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000VN6M5H7	RX10S SHROPENV	EUR	5,0700	5,1250	5,0700	887,2500	1	5,1250	175				
Certificate	DE000VN6M5G9	RX15L LEVOPENV	EUR	13,1050	13,1050	13,1050			13,1050					
Certificate	DE000VN6M5J3	RX15S SHROPENV	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CR9P304	RYANR10.14TL OPENZ	EUR	0,4650	0,4800	0,4650			0,4800					
Certificate	DE000CR9NUK0	RYANR10.66TL OPENZ	EUR	0,3350	0,3500	0,3350			0,3500					
Certificate	DE000CJ3QH69	RYANR11.35TL OPENZ	EUR	0,1650	0,1800	0,1650			0,1800					
Certificate	DE000CV8BC61	RYANR14.23TS OPENZ	EUR	0,6050	0,6050	0,5900			0,5900					
Certificate	DE000CV8A4W4	RYANR15.28TL OPENZ	EUR											
Certificate	DE000CV8A8B9	RYANR16.23TS OPENZ	EUR	1,0950	1,0950	1,0800			1,0800					
Certificate	DE000CE6JIM6	RYANR18.22TS OPENZ	EUR	1,5950	1,5950	1,5800			1,5800					
Certificate	DE000CJ3NS85	RYANR8.101TL OPENZ	EUR	0,9650	0,9800	0,9650			0,9800					
Certificate	DE000CR9P312	RYANR9.609TL OPENZ	EUR	0,5950	0,6100	0,5950			0,6100					
Certificate	DE000CJ3NWA7	S92G 12.25TL OPENZ	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CJ3NSE4	S92G 14.75TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CJ3NWB5	S92G 16.26TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CV8B409	SAFRN102.9TL OPENZ	EUR	0,3500	0,3500	0,2400			0,2400					
Certificate	DE000CV501F8	SAFRN64.03TL OPENZ	EUR	2,2800	2,2800	2,1700			2,1700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4YXQ0	SAFRN73.12TL OPENZ	EUR	1,8200	1,8200	1,7100			1,7100					
Certificate	DE000CV889U6	SAFRN83.07TL OPENZ	EUR	1,3300	1,3300	1,2200			1,2200					
Certificate	DE000CV88U02	SAFRN92.99TL OPENZ	EUR	0,8400	0,8400	0,7300			0,7300					
Certificate	DE000CV50VN5	SALES 70TL OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CV50VG3	SALES 80TL OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CV50VP0	SALES 80TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV50YH1	SALES 85TL OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CV50VQ8	SALES 85TL OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CV51DE0	SALES 90TL OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV51XS8	SALES 95TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CV52FK0	SALES 95TL OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CV51Z56	SALES 95TL OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CV52E68	SALES 100TL OPENC	EUR	2,4700	2,7800	2,4600	494,0000	1		200				
Certificate	DE000CQ5A5W4	SALES 110TL OPENC	EUR											
Certificate	DE000CQ5A8N7	SALES 110TL OPENC	EUR											
Certificate	DE000CP232Z6	SALES 130TS OPENC	EUR	0,0400	0,0400	0,0300	10,0000	1	0,0300	250				
Certificate	DE000CP23300	SALES 140TS OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP06UF3	SALES 150TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CP07AY4	SALES 155TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CP06UG1	SALES 160TS OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CP07AZ1	SALES 160TS OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CQ58VN3	SALES 170TS OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CP06149	SALES 170TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CP064F5	SALES 180TS OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CP06529	SALES 180TS OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CV8A0E0	SALES107.4TL OPENZ	EUR	1,5200	1,5200	1,5150	15,2000	1		10				
Certificate	DE000CJ3P526	SALES92.18TL OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CV8AZ08	SAMSU 735TL 1218Z	EUR	2,0600	2,0600	2,0000			2,0000					
Certificate	DE000CJ3P414	SAMSU 765TL 0319Z	EUR	1,8400	1,8400	1,7800			1,7800					
Certificate	DE000CJ3QFD9	SAMSU 810TL 0319Z	EUR	1,4400	1,4400	1,3900			1,3900					
Certificate	DE000CV8A8R5	SAMSU 835TL 1218Z	EUR	1,1800	1,1800	1,1300			1,1300					
Certificate	DE000CJ3P422	SAMSU 865TL 0319Z	EUR	0,9600	0,9600	0,9000			0,9000					
Certificate	NL0009175975	SAMSU250.6TL OPENB	EUR	63,4600	63,4600	63,4600			63,4600					
Certificate	NL0009991991	SAMSU371.3TL OPENB	EUR	53,4900	53,4900	53,4900			53,4900					
Certificate	NL0011426994	SAMSU453.6TL OPENB	EUR	47,1900	47,1900	46,7000			46,7000					
Certificate	NL0011806336	SAMSU501.4TL OPENB	EUR	43,2400	43,2400	42,7500			42,7500					
Certificate	NL0011806344	SAMSU527.5TL OPENB	EUR	41,0900	41,0900	40,6000			40,6000					
Certificate	DE000CX001G5	SANOF 50TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CX0JBM2	SANOF 60TL OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CX0JAS1	SANOF 60TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012890842	SANOF 104.TS OPENH	EUR	3,3200	3,3200	3,3000			3,3000					
Certificate	NL0009437045	SANOF 26.2TL OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0009999465	SANOF 37.1TL OPENB	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0010127585	SANOF 46.9TL OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	NL0010130126	SANOF 53.3TL OPENB	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	NL0010286399	SANOF 57.6TL OPENB	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	NL0012790976	SANOF 62.8TL OPENB	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0012978555	SANOF 67.7TL OPENB	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	NL0013002850	SANOF 72.8TL OPENB	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0012986434	SANOF 84.2TS OPENB	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0011413216	SANOF103.4TS OPENH	EUR	3,2600	3,2600	3,2400			3,2400					
Certificate	NL0012267215	SANOF103.9TS OPENB	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	NL0012330591	SANOF127.2TS OPENH	EUR	5,8300	5,8300	5,8100			5,8100					
Certificate	NL0012374797	SANOF33.87TL OPENH	EUR	4,7600	4,8300	4,7600			4,8300					
Certificate	DE000CV505U8	SANOF44.71TL OPENZ	EUR											
Certificate	NL0011413299	SANOF54.73TL OPENH	EUR	2,8200	2,8900	2,8200			2,8900					
Certificate	DE000CN6HHQ3	SANOF54.76TL OPENZ	EUR											
Certificate	NL0011890629	SANOF58.83TL OPENH	EUR	2,4400	2,5100	2,4400			2,5100					
Certificate	DE000CR1K641	SANOF60.88TL OPENZ	EUR											
Certificate	NL0012862585	SANOF62.02TL OPENH	EUR	2,1400	2,2100	2,1400			2,2100					
Certificate	NL0012927586	SANOF68.95TL OPENH	EUR	1,4900	1,5700	1,4900			1,5700					
Certificate	DE000CJ3NY04	SANOF70.83TL OPENZ	EUR											
Certificate	NL0013185069	SANOF76.95TL OPENH	EUR	0,7500	0,8300	0,7500			0,8300					
Certificate	NL0011413232	SANOF88.55TS OPENH	EUR	1,6500	1,6500	1,6400			1,6400					
Certificate	NL0011413224	SANOF92.26TS OPENH	EUR	2,0500	2,0500	2,0400			2,0400					
Certificate	NL0011052717	SAP 37.5TL OPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012038806	SAP 75.8TL OPENB	EUR	22,1950	22,1950	22,1950			22,1950					
Certificate	NL0013158280	SAP 79.9TL OPENB	EUR	18,4350	18,4350	18,4350			18,4350					
Certificate	NL0012780803	SAP 83.8TL OPENB	EUR	14,8650	14,8650	14,8650			14,8650					
Certificate	NL0013152788	SAP 93.5TS OPENB	EUR	12,8750	12,8750	12,8750			12,8750					
Certificate	NL0013014285	SAP 98.1TS OPENB	EUR	17,9350	17,9350	17,9350			17,9350					
Certificate	NL0011052634	SAP 111.2TS OPENH	EUR	2,7800	2,7800	2,7800			2,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011052709	SAP 45.98TL OPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CR6XG53	SAP 56.11TL OPENZ	EUR	34,7200	35,6700	34,7200			35,6700					
Certificate	NL0011721956	SAP 58.52TL OPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CN6F8A5	SAP 62.16TL OPENZ	EUR	28,6800	29,6300	28,6800			29,6300					
Certificate	NL0011721949	SAP 62.69TL OPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0011721931	SAP 64.78TL OPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0011927058	SAP 66.57TL OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CN6FGR7	SAP 69.09TL OPENZ	EUR	21,7600	22,7100	21,7600			22,7100					
Certificate	NL0011929393	SAP 70.34TL OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0011930599	SAP 74.47TL OPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CD62FB2	SAP 77.99TL OPENZ	EUR	12,9000	13,8400	12,9000			13,8400					
Certificate	NL0012051189	SAP 78.57TL OPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012847230	SAP 83.71TL OPENH	EUR	1,2900	1,3600	1,2700	284,1600	2	1,3600	222				
Certificate	NL0010920583	SBMOF 5TL OPENB	EUR	8,6750	8,6750	8,6750			8,6750					
Certificate	DE000C32ZP9	SBMOF 8TL OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CX0K3N7	SBMOF 9TL OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CX0K256	SBMOF 9TL OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CX59GP4	SBMOF 10TL OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CX59AG6	SBMOF 10TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA4YP34	SBMOF 11TL 1218V	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CQ58V79	SBMOF 12TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CQ58TF3	SBMOF 12TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CQ5AVA2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CQ5AT82	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP06056	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP062P8	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP23573	SBMOF 14TS OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013153430	SBMOF 15TS OPENB	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000CP232M4	SBMOF 15TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CQ5A859	SBMOF 15TS OPENC	EUR											
Certificate	DE000CP23581	SBMOF 15TS OPENC	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CY52W33	SBMOF 15TS OPENC	EUR											
Certificate	NL0012648471	SBMOF 16BOC0619Z	EUR	14,8850	14,8850	14,7500	10325,0000	1	14,7750	700				
Certificate	DE000CP23599	SBMOF 16TS OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CQ58ZC7	SBMOF 16TS OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CP07A93	SBMOF 17TS OPENC	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CQ58ZD5	SBMOF 17TS OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0013148836	SBMOF 18BOC1219B	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0012796452	SBMOF 18BOC1219Z	EUR	13,7400	13,7400	13,5000			13,5000					
Certificate	DE000CX59ZS8	SBMOF 18TS OPENC	EUR											
Certificate	DE000CP06NZ6	SBMOF 18TS OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY51V01	SBMOF 18TS OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CP064Y6	SBMOF 18TS OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CP06PQ0	SBMOF 20TS OPENC	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000VA4YP59	SBMOF 11.TL OPENV	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000VA4YW19	SBMOF 12.TL OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VA4YW35	SBMOF 13.TL OPENV	EUR											
Certificate	NL0010910808	SBMOF 6.1TL OPENB	EUR	7,6950	7,6950	7,6950			7,6950					
Certificate	NL0011041868	SBMOF 6.5TL OPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0010909297	SBMOF 6.7TL OPENB	EUR	7,2050	7,2050	7,2050			7,2050					
Certificate	NL0010654844	SBMOF 7.2TL OPENB	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0011041850	SBMOF 7.6TL OPENH	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	NL0010765095	SBMOF 7.8TL OPENB	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	NL0011041843	SBMOF 8.1TL OPENH	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0009964196	SBMOF 8.3TL OPENA	EUR											
Certificate	NL0010921052	SBMOF 8.4TL OPENB	EUR	5,6650	5,6650	5,6650			5,6650					
Certificate	DE000CC608A5	SBMOF 8.5TL OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0011041835	SBMOF 8.6TL OPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0011906730	SBMOF 9.6TL OPENB	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	NL0011909338	SBMOF 10.2TL OPENB	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0012982425	SBMOF 10.7TL OPENB	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0012983407	SBMOF 11.2TL OPENB	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000VA4YTN7	SBMOF 11.5TL 1218V	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000VA4YTP2	SBMOF 11.5TL OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000VL37LF6	SBMOF 12.4TL OPENV	EUR											
Certificate	DE000VA4YW27	SBMOF 12.5TL OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0012985246	SBMOF 12.7TL OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0013156169	SBMOF 13.9BS OPENB	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0013156615	SBMOF 14.2TS OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0012987317	SBMOF 14.4BOC0619B	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	NL0012795769	SBMOF 14.8BOC0619Z	EUR	13,8100	13,8100	13,7200			13,7200					
Certificate	NL0013153042	SBMOF 14.9BS OPENB	EUR	2,1250	2,1250	2,1250			2,1250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA9CY26	SBMOF 14.9TS OPENV	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012793079	SBMOF 15.2BOC1218B	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	NL0012649180	SBMOF 15.3BOC1218Z	EUR	13,3800	13,3800	13,2100			13,2100					
Certificate	NL0012987283	SBMOF 15.4BOC0619B	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	NL0012795777	SBMOF 15.4BOC0919Z	EUR	13,9300	13,9300	13,7900			13,7900					
Certificate	DE000VA9CR09	SBMOF 15.4TS OPENV	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0013015738	SBMOF 15.7TS OPENB	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	NL0013013907	SBMOF 15.9BS OPENB	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	NL0012494645	SBMOF 16.5BOC1218B	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	NL0013010267	SBMOF 16.6TS OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	NL0011231782	SBMOF 7.27TL OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CV8A4C6	SBMOF 8.91TL OPENZ	EUR	5,2700	5,2700	5,0800			5,0800					
Certificate	DE000CR9S654	SBMOF 9.99TL OPENZ	EUR	4,2700	4,2700	4,0800			4,0800					
Certificate	DE000CV8A4Z7	SBMOF10.11TL OPENZ	EUR	3,4400	3,4400	3,2500			3,2500					
Certificate	DE000CV8A500	SBMOF10.61TL OPENZ	EUR	2,9400	2,9400	2,7500			2,7500					
Certificate	NL0013157795	SBMOF10.95BL OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0012931265	SBMOF11.05TL OPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0012983944	SBMOF11.45BL OPENB	EUR	2,3900	2,3900	2,1850	1195,0000	1	2,1850	500				
Certificate	NL0012932537	SBMOF11.55TL OPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CV8AD24	SBMOF11.62TL OPENZ	EUR	1,9500	1,9500	1,7600			1,7600					
Certificate	NL0012984843	SBMOF11.95BL OPENB	EUR	1,8500	1,8500	1,6750	925,0000	1	1,6750	500				
Certificate	DE000CV8AFT2	SBMOF12.15TL OPENZ	EUR	2,2700	2,2700	2,0800			2,0800					
Certificate	LU1790570185	SBMOF12.26TCIOPENS	EUR	1,5000	1,5000	1,2200	1743,0000	3	1,2200	1400				
Certificate	NL0012984850	SBMOF12.46BL OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CV8AG27	SBMOF12.61TL OPENZ	EUR	0,9700	0,9700	0,7800	860,0000	1	0,7800	1000				
Certificate	NL0012933634	SBMOF12.93TL OPENH	EUR											
Certificate	NL0012984868	SBMOF12.96BL OPENB	EUR											
Certificate	NL0012890859	SBMOF13.04TL OPENH	EUR											
Certificate	DE000VA3TJ59	SBMOF13.06TL OPENV	EUR											
Certificate	NL0013186158	SBMOF13.36TS OPENH	EUR											
Certificate	DE000VA3D9J6	SBMOF13.59TS OPENV	EUR											
Certificate	NL0013185432	SBMOF13.86TS OPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000VA90RL3	SBMOF13.89TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000VA9C3Z0	SBMOF14.39TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CJ3QBf3	SBMOF15.16TS OPENZ	EUR	1,7200	1,9000	1,7200			1,9000					
Certificate	NL0013181019	SBMOF15.36TS OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012895163	SBMOF15.44TS OPENH	EUR											
Certificate	DE000VA7I0J9	SBMOF15.92TS OPENV	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VA7TGQ0	SBMOF16.43TS OPENV	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	LU1840980087	SBMOF16.53TCIOPENS	EUR	3,3400	3,6100	3,3400			3,6100					
Certificate	DE000CJ3PHX5	SBMOF16.65TS OPENZ	EUR	3,1900	3,3800	3,1900			3,3800					
Certificate	NL0013003270	SBMOF16.85BOC0919B	EUR	13,7900	13,7900	13,7900			13,7900					
Certificate	NL0013009079	SBMOF16.89BS OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000VA7TGR8	SBMOF16.93TS OPENV	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0011230149	SBMOF17.13TS OPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	LU1840960212	SBMOF17.71TCIOPENS	EUR	4,5100	4,7900	4,5100			4,7900					
Certificate	NL0012994149	SBMOF17.89BS OPENB	EUR	5,1150	5,1150	5,1150			5,1150					
Certificate	DE000VL61DV0	SBMOF17.94TS OPENV	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	DE000VA6TXZ8	SBMOF17.97TS OPENV	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	DE000CV4ZLS8	SBMOF18.15TS OPENZ	EUR	4,6800	4,8700	4,6800			4,8700					
Certificate	NL0012525216	SBMOF19.36TS OPENH	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	NL0012536809	SBMOF19.36TS OPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012521082	SBMOF19.37TS OPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000CJ3NP88	SBMOF20.15TS OPENZ	EUR	6,6800	6,8700	6,6800			6,8700					
Certificate	DE000CT9JQQ8	SBMOF6.092TL OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CR4HWK6	SBMOF8.805TL OPENZ	EUR	4,7400	4,7400	4,5500			4,5500					
Certificate	DE000CR6X379	SBMOF9.617TL OPENZ	EUR	3,9300	3,9300	3,7400			3,7400					
Certificate	NL0011907613	SBMOF9.937BL OPENB	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000CE6C642	SCHAT 124.TS OPENZ	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	DE000CJ3PTM3	SCHAT 134.TS OPENZ	EUR	22,0700	22,0700	22,0700			22,0700					
Certificate	DE000CD62R58	SCHAT100.9TL OPENZ	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CD62R41	SCHAT106.3TL OPENZ	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	DE000CD62R66	SCHAT113.6TS OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CD62R74	SCHAT118.3TS OPENZ	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CV89FF8	SCHAT90.74TL OPENZ	EUR	21,2600	21,2600	21,2600			21,2600					
Certificate	DE000CJ3PRK1	SCHLM34.66TL OPENZ	EUR	2,1050	2,1050	2,0550			2,0550					
Certificate	DE000CJ3QGV9	SCHLM38.16TL OPENZ	EUR	1,4850	1,4850	1,3900	3058,0000	1	1,4450	2200				
Certificate	DE000CJ3NYD7	SCHLM41.68TL OPENZ	EUR	0,8650	0,8650	0,8000	800,0000	1	0,8150	1000				
Certificate	DE000CJ3PN39	SCHLM46.22TL OPENZ	EUR											
Certificate	DE000CJ3P661	SCHLM55.98TS OPENZ	EUR	1,7150	1,7550	1,7150			1,7550					
Certificate	DE000CJ3PRL9	SCHLM62.97TS OPENZ	EUR	2,9550	2,9850	2,9550			2,9850					
Certificate	NL0012608137	SCHND 85.5TS OPENH	EUR	29,2200	29,2200	29,0600			29,0600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011970652	SCHND 87.1TS OPENH	EUR	30,9400	30,9400	30,7900			30,7900					
Certificate	NL0012314090	SCHND102.5TS OPENH	EUR	47,5900	47,5900	47,4300			47,4300					
Certificate	NL0012366868	SCHND102.6TS OPENH	EUR	47,6200	47,6200	47,4700			47,4700					
Certificate	NL0012365464	SCHND103.5TS OPENH	EUR	48,6200	48,6200	48,4600			48,4600					
Certificate	NL0012313282	SCHND103.5TS OPENH	EUR	48,6200	48,6200	48,4700			48,4700					
Certificate	NL0012557953	SCHND115.9TS OPENH	EUR	61,9800	61,9800	61,8300			61,8300					
Certificate	DE000C3PLK4	SCHND38.67TL OPENZ	EUR	2,5050	2,5500	2,5050			2,5500					
Certificate	NL0011418231	SCHND40.36TL OPENZ	EUR	25,9000	27,2900	25,9000			27,2900					
Certificate	DE000CV8ALH5	SCHND44.69TL OPENZ	EUR	1,8950	1,9500	1,8950			1,9500					
Certificate	NL0011890652	SCHND47.25TL OPENZ	EUR	19,4800	20,8700	19,4800			20,8700					
Certificate	DE000CE6CCCC6	SCHND54.77TL OPENZ	EUR	0,8950	0,9500	0,8950			0,9500					
Certificate	NL0011934203	SCHND55.19TL OPENZ	EUR	12,0900	13,4700	12,0900			13,4700					
Certificate	NL0013127608	SCHND60.05TL OPENZ	EUR	7,5600	8,9500	7,5600			8,9500					
Certificate	NL0012919823	SCHND71.89TS OPENH	EUR	14,5300	14,5300	14,3800			14,3800					
Certificate	NL0012935795	SCHND79.86TS OPENH	EUR	23,1300	23,1300	22,9800			22,9800					
Certificate	NL0012907190	SCHND79.88TS OPENH	EUR	23,1400	23,1400	22,9900			22,9900					
Certificate	NL0012214605	SCHND80.45TS OPENH	EUR	23,7600	23,7600	23,6100			23,6100					
Certificate	NL0011935671	SCHND88.02TS OPENH	EUR	31,9400	31,9400	31,7800			31,7800					
Certificate	NL0010733622	SCXP STN0820V	EUR											
Certificate	NL0012250211	SCXP STN1124V	EUR											
Certificate	XS1444044082	SDGP STN1122K	EUR											
Certificate	DE000CV8AW27	SFER 14.7TL OPENZ	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000C3N823	SFER 12.72TL OPENZ	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CV8AUV7	SFER 16.79TL OPENZ	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000C3PGE7	SFER 19.31TL OPENZ	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000C3PA67	SGL 7.93TL OPENZ	EUR	0,2450	0,2450	0,2150			0,2150					
Certificate	DE000CV89DV0	SGL 6.131TL OPENZ	EUR	0,6050	0,6050	0,5750			0,5750					
Certificate	DE000CV89CT6	SGL 7.133TL OPENZ	EUR	0,4050	0,4050	0,3750			0,3750					
Certificate	DE000C3P583	SGRE 6.55TL OPENZ	EUR	6,4800	6,5900	6,4800			6,5900					
Certificate	DE000C3NOF2	SGRE 7.57TL OPENZ	EUR	5,5200	5,6300	5,5200			5,6300					
Certificate	DE000C3NKM7	SGRE 8.56TL OPENZ	EUR	4,5950	4,6900	4,5950			4,6900					
Certificate	DE000C3POU9	SGRE 10.06TL OPENZ	EUR	3,1650	3,2600	3,1650	957,0000	1	3,2600	300				
Certificate	DE000C3PPT6	SHA 5.634TL OPENZ	EUR	0,4250	0,4250	0,3650			0,3650					
Certificate	DE000C3N189	SHA 6.533TL OPENZ	EUR	0,2450	0,2450	0,1850	7110,8000	3	0,1850	35554				
Certificate	DE000C3NX96	SHA 7.538TL OPENZ	EUR	0,0515	0,0515	0,0420	373,3000	1	0,0420	8888				
Certificate	DE000CE6BQN5	SHELL LEVOPENZ	EUR	66,4150	66,4150	66,4150			66,4150					
Certificate	DE000CE6BQD6	SHELL SHROPEZ	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	XS1346710848	SHELL STN0119B	EUR	109,5000	109,5000	109,5000			109,5000					
Certificate	NL0011638549	SHELL 13TL OPENB	EUR	14,5050	14,5050	14,5050			14,5050					
Certificate	NL0011648712	SHELL 14TL OPENB	EUR	13,5550	13,5550	13,5550			13,5550					
Certificate	NL0011649967	SHELL 15TL OPENB	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	NL0011719968	SHELL 16TL OPENH	EUR	11,8900	11,8900	11,8300			11,8300					
Certificate	DE000CX59NA2	SHELL 18TL OPENC	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CX00EP3	SHELL 20TL OPENC	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	DE000CY51717	SHELL 20TL OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000CX00FP0	SHELL 20TL OPENC	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	DE000CX01FQ6	SHELL 21TL OPENC	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000CY51725	SHELL 22TL OPENC	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000CX59Q92	SHELL 22TL OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CX59NB0	SHELL 22TL OPENC	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CY50XK7	SHELL 23TL OPENC	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CY50UW8	SHELL 23TL OPENC	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	LU1876932333	SHELL 24TCIOPENS	EUR	2,9400	2,9400	2,7200			2,7200					
Certificate	DE000VA8F4X1	SHELL 24TL 0319V	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000C3PBC2	SHELL 24TL 1218Z	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CY51H17	SHELL 24TL OPENC	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CQ5A156	SHELL 24TL OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CY51FT3	SHELL 24TL OPENC	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000VA8FYF3	SHELL 25TL 0319V	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000VA8F1Y5	SHELL 25TL 1218V	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CQ5AT58	SHELL 25TL OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CQ5BHP7	SHELL 25TL OPENC	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CQ5AQ02	SHELL 25TL OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CY52W09	SHELL 25TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VA71PB8	SHELL 26TL 0319V	EUR											
Certificate	DE000VA90XL1	SHELL 26TL 0319V	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000VA8FYE6	SHELL 26TL 1218V	EUR											
Certificate	DE000CQ5AHQ7	SHELL 26TL OPENC	EUR	1,8700	1,8700	1,7600	93,5000	1	1,7600	50				
Certificate	DE000CQ5AKJ6	SHELL 26TL OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CQ5BZB9	SHELL 26TL OPENC	EUR	1,2300	1,2600	1,1800	996,0000	2	1,2500	800				
Certificate	DE000CP06PM9	SHELL 26TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	LU1876938298	SHELL 27TPIOPENS	EUR	0,4300	0,6500	0,4300			0,6500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA90V90	SHELL 27TS 0319V	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000VA9COM4	SHELL 28TS 0319V	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CP23565	SHELL 28TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CP232L6	SHELL 28TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000VA71N77	SHELL 29TS 0319V	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000VA71PE2	SHELL 29TS 1218V	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CP06X71	SHELL 29TS OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012649214	SHELL 30BOC0619Z	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0012648836	SHELL 30BON0619Z	EUR	28,5400	28,5400	28,5400			28,5400					
Certificate	DE000VA71N93	SHELL 30TS 0319V	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000VA71P11	SHELL 30TS 1218V	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CP07A77	SHELL 30TS OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0012793061	SHELL 31BOC1218B	EUR	29,0300	29,0300	29,0300			29,0300					
Certificate	DE000VA7PT38	SHELL 31TS 0319V	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CJ3QB99	SHELL 31TS 0319Z	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000VAGT175	SHELL 31TS 1218V	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CQ5B0N3	SHELL 31TS OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012648349	SHELL 32BOC0619Z	EUR	29,9200	29,9200	29,9200			29,9200					
Certificate	NL0013003312	SHELL 32BOC0919B	EUR	26,7500	26,7500	26,7500			26,7500					
Certificate	DE000VA7PT46	SHELL 32TS 0319V	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000VAGT3A7	SHELL 32TS 1218V	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CQ5AFS7	SHELL 32TS OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000VA7PT53	SHELL 33TS 0319V	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CY522G9	SHELL 34TS OPENC	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000CQ5BFJ4	SHELL 34TS OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CY51XE8	SHELL 34TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CQ5BTE6	SHELL 34TS OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CQ5AQ10	SHELL 34TS OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CQ5AT74	SHELL 35TS OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CQ5B8V61	SHELL 35TS OPENC	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000CQ5BHQ5	SHELL 35TS OPENC	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000CP064U4	SHELL 35TS OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000CP07A85	SHELL 35TS OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CQ5AX11	SHELL 36TS OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CV89101	SHELL 39.5TS OPENZ	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0011635974	SHELL 5.3TL OPENB	EUR	21,6550	21,6550	21,6550			21,6550					
Certificate	NL0011635982	SHELL 6.4TL OPENB	EUR	20,6550	20,6550	20,6550			20,6550					
Certificate	NL0009258607	SHELL 8.4TL OPENB	EUR	18,7850	18,7850	18,7850			18,7850					
Certificate	NL0009514223	SHELL 9.6TL OPENB	EUR	17,6250	17,6250	17,6250			17,6250					
Certificate	NL0009558519	SHELL 10.7TL OPENB	EUR	16,6050	16,6050	16,6050			16,6050					
Certificate	NL0009875251	SHELL 11.9TL OPENB	EUR	15,5550	15,5550	15,5550			15,5550					
Certificate	DE000CR9S2Y1	SHELL 14.3TL OPENZ	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	NL0011654546	SHELL 16.1TL OPENB	EUR	11,5750	11,5750	11,5750			11,5750					
Certificate	NL0011800081	SHELL 17.2TL OPENB	EUR	10,5550	10,5550	10,5550			10,5550					
Certificate	NL0011799093	SHELL 17.4BL OPENB	EUR	9,6000	9,6000	9,3650	806,4000	1	9,3650	84				
Certificate	DE000CX0KHC8	SHELL 17.5TL OPENC	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	DE000CN6L154	SHELL 18.1TL OPENZ	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0012020382	SHELL 18.3TL OPENB	EUR	9,5450	9,5450	9,5450			9,5450					
Certificate	NL0012030654	SHELL 19.3TL OPENB	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	NL0011413992	SHELL 2.91TL OPENH	EUR	24,0700	24,0700	24,0100			24,0100					
Certificate	NL0012036321	SHELL 20.5TL OPENB	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	NL0012494926	SHELL 21.5TL OPENB	EUR	6,7800	6,7850	6,4600	2970,0000	3	6,5450	450				
Certificate	NL0012492813	SHELL 21.6BL OPENB	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	DE000CV8ABN4	SHELL 22.5TL 1218Z	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012496830	SHELL 22.5TL OPENB	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000VN6ZC13	SHELL 22.9TL OPENV	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000VL2FTH9	SHELL 22.9TL OPENV	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000VL37F93	SHELL 22.9TL OPENV	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000VL37GA7	SHELL 23.4TL OPENV	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012685077	SHELL 23.5TL OPENB	EUR	4,6850	4,6850	4,6850			4,6850					
Certificate	DE000VL37GB5	SHELL 23.9TL OPENV	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000VL37GC3	SHELL 24.4TL OPENV	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012779888	SHELL 24.6TL OPENB	EUR	3,7000	3,7000	3,6850	1480,0000	1	3,6950	400				
Certificate	DE000CV8ABP9	SHELL 25.5TL 1218Z	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012781736	SHELL 25.6TL OPENB	EUR	2,8100	2,8100	2,7650	112,4000	1	2,7650	40				
Certificate	NL0012494637	SHELL 25.8OC1218B	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0013153422	SHELL 27.9TS OPENB	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	NL0013015720	SHELL 28.4TS OPENB	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	NL0013010242	SHELL 29.5TS OPENB	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	LU1840912676	SHELL 30.1TPIOPENS	EUR	2,9700	3,1900	2,9700			3,1900					
Certificate	NL0012864896	SHELL 30.1TS OPENH	EUR	5,7600	5,9500	5,7600			5,9500					
Certificate	NL0012792410	SHELL 30.5TS OPENB	EUR	6,5050	6,5050	6,5050			6,5050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012788863	SHELL 31.6TS OPENB	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0012330898	SHELL 32.4TS OPENH	EUR	8,2400	8,4300	8,2400			8,4300					
Certificate	DE000CV8AU60	SHELL 32.5TS 1218Z	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0012790570	SHELL 32.5TS OPENB	EUR	8,6250	8,6250	8,6250			8,6250					
Certificate	DE000CJ3P323	SHELL 34.5TS 0319Z	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000CV8ABR5	SHELL 37.5TS 1218Z	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0011413984	SHELL 4.49TL OPENH	EUR	22,6100	22,6100	22,5400			22,5400					
Certificate	NL0011413976	SHELL 6.07TL OPENH	EUR	21,1400	21,1400	21,0700			21,0700					
Certificate	NL0011413968	SHELL 7.65TL OPENH	EUR	19,6700	19,6700	19,6100			19,6100					
Certificate	NL0011413950	SHELL 9.22TL OPENH	EUR	18,2000	18,2000	18,1400			18,1400					
Certificate	NL0011529086	SHELL10.95BL OPENB	EUR	15,8150	15,8150	15,8150			15,8150					
Certificate	NL0011039847	SHELL11.43TL OPENH	EUR	16,1500	16,1500	16,0800			16,0800					
Certificate	NL0011593405	SHELL11.83TL OPENH	EUR	15,7800	15,7800	15,7100			15,7100					
Certificate	NL0011434089	SHELL12.03BL OPENB	EUR	14,7350	14,7350	14,7350			14,7350					
Certificate	NL0011593397	SHELL12.35TL OPENH	EUR	15,2900	15,2900	15,2300			15,2300					
Certificate	DE000CN6ESP9	SHELL13.22TL OPENZ	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	NL0011602545	SHELL13.39TL OPENH	EUR	14,3200	14,3200	14,2600			14,2600					
Certificate	NL0011719984	SHELL14.96TL OPENH	EUR	12,8600	12,8600	12,8000			12,8000					
Certificate	NL0011649090	SHELL15.26BL OPENB	EUR	11,5050	11,5050	11,5050			11,5050					
Certificate	DE000CG2RMP2	SHELL15.29TL OPENC	EUR	17,2200	17,2200	17,2200			17,2200					
Certificate	DE000CN6HXF3	SHELL15.31TL OPENZ	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0011719976	SHELL15.48TL OPENH	EUR	12,3800	12,3800	12,3100			12,3100					
Certificate	NL0011654223	SHELL16.33BL OPENB	EUR	10,4350	10,4350	10,4350			10,4350					
Certificate	DE000CN6JRD6	SHELL16.34TL OPENZ	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	NL0011719950	SHELL16.52TL OPENH	EUR	11,4100	11,4100	11,3400			11,3400					
Certificate	DE000CN6K1A3	SHELL16.58TL OPENZ	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0011721865	SHELL17.04TL OPENH	EUR	10,9300	10,9300	10,8600			10,8600					
Certificate	DE000CN6JWE4	SHELL17.35TL OPENZ	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0011729322	SHELL17.55TL OPENH	EUR	10,4500	10,4500	10,3900			10,3900					
Certificate	NL0011729314	SHELL18.07TL OPENH	EUR	9,9700	9,9700	9,9100			9,9100					
Certificate	DE000CN6K8Z5	SHELL18.34TL OPENZ	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012019632	SHELL18.46BL OPENB	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0011978309	SHELL18.56TL OPENH	EUR	9,5100	9,5100	9,4500			9,4500					
Certificate	NL0011979018	SHELL19.08TL OPENH	EUR	9,0300	9,0300	8,9700			8,9700					
Certificate	DE000CN6L1V8	SHELL19.33TL OPENZ	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	NL0012021000	SHELL19.52BL OPENB	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	NL0011980107	SHELL19.62TL OPENH	EUR	8,5200	8,5200	8,4600			8,4600					
Certificate	DE000CD63872	SHELL19.63TL OPENZ	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000CJ3QJY7	SHELL19.75TL 0319Z	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0011996350	SHELL20.13TL OPENH	EUR	8,0500	8,0500	7,9900			7,9900					
Certificate	DE000CD636V1	SHELL20.32TL OPENZ	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012034284	SHELL20.57BL OPENB	EUR	6,2800	6,2800	6,2450	628,0000	1	6,2450	100				
Certificate	NL0011998158	SHELL20.63TL OPENH	EUR	7,5800	7,5800	7,5200			7,5200					
Certificate	NL0011998232	SHELL21.14TL OPENH	EUR	7,1000	7,1000	7,0400			7,0400					
Certificate	DE000CD63WY7	SHELL21.16TL OPENZ	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0012579379	SHELL21.66TL OPENH	EUR	6,6300	6,6300	6,5700			6,5700					
Certificate	DE000VN66VY1	SHELL21.67TL OPENV	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CD63SQ1	SHELL21.68TL OPENZ	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0012518138	SHELL22.16TL OPENH	EUR	6,1600	6,1600	6,1000			6,1000					
Certificate	DE000VL2FLH6	SHELL22.19TL OPENV	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CF6ESY2	SHELL22.45TL OPENZ	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012495816	SHELL22.63BL OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	NL0012565519	SHELL22.66TL OPENH	EUR	5,6900	5,6900	5,6300			5,6300					
Certificate	DE000CF6EX38	SHELL22.69TL OPENZ	EUR	4,6000	4,6500	4,6000	184,0000	1	4,6500	40				
Certificate	DE000CJ3P307	SHELL22.75TL 0319Z	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000VN6ZC05	SHELL22.87TL OPENV	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012565501	SHELL23.17TL OPENH	EUR	5,2200	5,2200	5,1600			5,1600					
Certificate	DE000VL2FUH7	SHELL23.42TL OPENV	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CF6EWZ1	SHELL23.45TL OPENZ	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	LU1696513024	SHELL23.46TCIOPENS	EUR	4,4400	4,4400	4,2100			4,2100					
Certificate	NL0012684500	SHELL23.65BL OPENB	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	NL0012565493	SHELL23.67TL OPENH	EUR	4,7400	4,7400	4,6900			4,6900					
Certificate	LU1784831023	SHELL23.92TL OPENS	EUR											
Certificate	DE000VL2FUJ3	SHELL23.92TL OPENV	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000VL76DE4	SHELL24.22TL OPENV	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CV501E1	SHELL24.43TL OPENZ	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VL76DC8	SHELL24.64TL OPENV	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012779482	SHELL24.67BL OPENB	EUR	2,1600	2,2700	2,1200	3935,0000	5	2,1450	1800				
Certificate	NL0012602809	SHELL24.69TL OPENH	EUR	3,8000	3,8000	3,7400			3,7400					
Certificate	DE000VL76DF1	SHELL24.72TL OPENV	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CJ3P315	SHELL24.75TL 0319Z	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000CV88970	SHELL24.75TL OPENZ	EUR	2,6600	2,6600	2,6600			2,6600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL8XKU1	SHELL24.95TL OPENV	EUR	2,6600	2,7500	2,4100	6777,4500	13	2,6000	2640				
Certificate	DE000VL76DD6	SHELL25.14TL OPENV	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000VL9S488	SHELL25.33TL OPENV	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CV889F7	SHELL25.44TL OPENZ	EUR	1,4100	1,4100	1,2000	3017,6000	14	1,2900	2280				
Certificate	DE000VL97QQ6	SHELL25.46TL OPENV	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012781421	SHELL25.68BL OPENB	EUR	1,3400	1,3450	1,0750	34767,0000	7	1,1250	28600				
Certificate	NL0012604508	SHELL25.69TL OPENH	EUR	2,8700	2,8700	2,8100			2,8100					
Certificate	LU1719708817	SHELL25.74TCIOPENS	EUR	1,8900	1,8900	1,6700			1,6700					
Certificate	DE000VA1B3M7	SHELL25.84TL OPENV	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000VA1B7A3	SHELL25.96TL OPENV	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	LU1719793744	SHELL26.19TCIOPENS	EUR	1,4500	1,4900	1,2200	142,2800	3	1,2200	97				
Certificate	DE000CJ3PR35	SHELL26.26TL OPENZ	EUR											
Certificate	DE000VA1B661	SHELL26.34TL OPENV	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000VA1B7C9	SHELL26.46TL OPENV	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA1GMM7	SHELL26.84TL OPENV	EUR											
Certificate	LU1784831296	SHELL26.91TL OPENS	EUR											
Certificate	NL0013157878	SHELL27.17BS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013181860	SHELL27.66TS OPENH	EUR	3,1200	3,3200	3,1200			3,3200					
Certificate	NL0013149123	SHELL28.17BS OPENB	EUR	1,6800	1,9100	1,6800	2154,0000	2	1,9050	1200				
Certificate	LU1841029785	SHELL28.92TCIOPENS	EUR	1,8200	2,0500	1,7700	1,7700	1	2,0500	1				
Certificate	DE000VA3TFL2	SHELL29.03TL OPENV	EUR											
Certificate	NL0013082647	SHELL29.05TS OPENH	EUR	4,6300	4,8200	4,6300			4,8200					
Certificate	NL0013009061	SHELL29.16BS OPENB	EUR	2,6700	2,9900	2,6700	25,4800	9	2,9050	9				
Certificate	DE000CJ3PM71	SHELL29.16TS OPENZ	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000VA3TK03	SHELL29.53TL OPENV	EUR											
Certificate	LU1841029868	SHELL29.53TCIOPENS	EUR	2,4300	2,6500	2,4300			2,6500					
Certificate	DE000VA3TH89	SHELL29.58TS OPENV	EUR											
Certificate	DE000CE6FHC8	SHELL30.02TS OPENZ	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA2T7L9	SHELL30.08TS OPENV	EUR											
Certificate	NL0012695597	SHELL30.15BS OPENB	EUR	3,7200	3,8950	3,7200	37500,0000	2	3,8950	10000				
Certificate	NL0012603708	SHELL30.45TS OPENH	EUR	6,1400	6,3300	6,1400			6,3300					
Certificate	NL0012615678	SHELL31.03TS OPENH	EUR	6,7600	6,9600	6,7600			6,9600					
Certificate	DE000VA1SR98	SHELL31.09TS OPENV	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0012783617	SHELL31.14BS OPENB	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VA1SR80	SHELL31.23TS OPENV	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0012608590	SHELL31.47TS OPENH	EUR	7,2400	7,4300	7,2400			7,4300					
Certificate	NL0012606743	SHELL31.95TS OPENH	EUR	7,7600	7,9500	7,7600			7,9500					
Certificate	DE000CV88C20	SHELL32.01TS OPENZ	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012784961	SHELL32.12BS OPENB	EUR	5,8550	5,8550	5,8550			5,8550					
Certificate	LU1756830383	SHELL32.18TCIOPENS	EUR	3,8200	4,0500	3,8200			4,0500					
Certificate	LU1757001539	SHELL32.47TCIOPENS	EUR	4,5500	4,7800	4,5500			4,7800					
Certificate	DE000VL5R8S8	SHELL32.57TS OPENV	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CV88UP8	SHELL32.67TS OPENZ	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000VL5R8Q2	SHELL32.77TS OPENV	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	LU1784831536	SHELL32.89TS OPENS	EUR											
Certificate	NL0011039763	SHELL32.97TS OPENH	EUR	8,8600	9,0600	8,8600			9,0600					
Certificate	DE000VA1SRW0	SHELL33.03TS OPENV	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VL5R8T6	SHELL33.07TS OPENV	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0013001761	SHELL33.11BS OPENB	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	DE000VA1SR58	SHELL33.19TS OPENV	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	DE000VL5R8R0	SHELL33.27TS OPENV	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000VA1STR6	SHELL33.53TS OPENV	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000VA2T4Z6	SHELL33.58TS OPENV	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000VA1ZCR7	SHELL33.66TS OPENV	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012852305	SHELL33.87TS OPENH	EUR	9,8400	10,0300	9,8400			10,0300					
Certificate	DE000CV88NL2	SHELL34.01TS OPENZ	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0012864888	SHELL34.05TS OPENH	EUR	10,0300	10,2200	10,0300			10,2200					
Certificate	DE000VA1ZFN9	SHELL34.16TS OPENV	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0012849459	SHELL34.36TS OPENH	EUR	10,3700	10,5600	10,3700			10,5600					
Certificate	DE000VA1ZGP2	SHELL34.46TS OPENV	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	NL0012433452	SHELL34.53TS OPENH	EUR	10,5500	10,7400	10,5500			10,7400					
Certificate	NL0012432132	SHELL34.54TS OPENH	EUR	10,5500	10,7500	10,5500			10,7500					
Certificate	DE000VA15NY2	SHELL34.74TS OPENV	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000VA15N50	SHELL35.07TS OPENV	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000VA15N43	SHELL35.25TS OPENV	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0012330120	SHELL35.29TS OPENH	EUR	11,3600	11,5600	11,3600			11,5600					
Certificate	DE000VA15P41	SHELL35.57TS OPENV	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	NL0012051411	SHELL35.59TS OPENH	EUR	11,6900	11,8800	11,6900			11,8800					
Certificate	DE000VA15RT3	SHELL35.73TS OPENV	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	LU1784831452	SHELL35.88TS OPENS	EUR											
Certificate	DE000CJ3NVQ5	SHELL36.17TS OPENZ	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	NL0012054183	SHELL37.12TS OPENH	EUR	13,3400	13,5300	13,3400			13,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012579361	SHELL38.63TS OPENH	EUR	14,9800	15,1700	14,9800			15,1700					
Certificate	NL0012531339	SHELL39.17TS OPENH	EUR	15,5600	15,7500	15,5600			15,7500					
Certificate	NL0012536783	SHELL39.22TS OPENH	EUR	15,6100	15,8000	15,6100			15,8000					
Certificate	NL0012548226	SHELL40.82TS OPENH	EUR	17,3400	17,5400	17,3400			17,5400					
Certificate	NL0012538474	SHELL42.16TS OPENH	EUR	18,7900	18,9800	18,7900			18,9800					
Certificate	NL0013081789	SHELL44.51TS OPENH	EUR	21,3200	21,5100	21,3200			21,5100					
Certificate	NL0012609747	SHELL44.79TS OPENH	EUR	21,6200	21,8200	21,6200			21,8200					
Certificate	NL0012847198	SHELL44.86TS OPENH	EUR	21,7000	21,8900	21,7000			21,8900					
Certificate	DE000CM3YYQ1	SHELL5.256TL OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CM3YLV8	SHELL5.886TL OPENZ	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	NL0011536693	SHELL9.871BL OPENB	EUR	16,8950	16,8950	16,8950			16,8950					
Certificate	DE000CV88M77	SHOP100.8TL OPENZ	EUR	2,2550	2,4250	2,2550			2,4250					
Certificate	DE000CV87KU1	SHOP111.7TL OPENZ	EUR	1,8050	1,9750	1,8050			1,9750					
Certificate	DE000CV88KA1	SHOP122.5TL OPENZ	EUR	1,3550	1,5250	1,3550			1,5250					
Certificate	DE000CJ3N6T0	SHOP190.94TL OPENZ	EUR	2,6650	2,8250	2,6650			2,8250					
Certificate	DE000CV4ZJV6	SHP 24.6TL OPENZ	EUR	2,5700	2,5700	2,5200			2,5200					
Certificate	DE000CV88TE4	SHP 38.7TL OPENZ	EUR	1,0800	1,0800	1,0300			1,0300					
Certificate	DE000CV4YZV5	SHP 27.41TL OPENZ	EUR	2,2700	2,2700	2,2200			2,2200					
Certificate	DE000CV4YYB0	SHP 30.14TL OPENZ	EUR	1,9900	1,9900	1,9300			1,9300					
Certificate	DE000CV885U4	SHP 34.44TL OPENZ	EUR	1,5300	1,5300	1,4800			1,4800					
Certificate	DE000CX0KZA4	SIEME 80TL OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CX0KZB2	SIEME 90TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0009867100	SIEME 37.4TL OPENB	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0011051156	SIEME 50.6TL OPENH	EUR	5,5700	5,5800	5,5700			5,5800					
Certificate	DE000CR9SNJ3	SIEME 65.9TL OPENZ	EUR	7,4800	7,4800	7,4300			7,4300					
Certificate	NL0010444832	SIEME 70.9TL OPENB	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	NL0011654686	SIEME 78.8TL OPENB	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0011715180	SIEME 81.9TL OPENH	EUR	2,6400	2,6500	2,6400			2,6500					
Certificate	NL0011927066	SIEME 85.2TL OPENH	EUR	2,3300	2,3400	2,3300			2,3400					
Certificate	NL0011911417	SIEME 87.4TL OPENB	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CN6KKU3	SIEME 88.1TL OPENZ	EUR	3,0550	3,0550	3,0000			3,0000					
Certificate	NL0011929997	SIEME 89.3TL OPENH	EUR	1,9400	1,9500	1,9400			1,9500					
Certificate	NL0012030696	SIEME 96.9TL OPENB	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013083199	SIEME 97.2TL OPENH	EUR	1,2000	1,2200	1,2000			1,2200					
Certificate	NL0013152325	SIEME104.38S OPENB	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0013083181	SIEME106.9TS OPENH	EUR	1,1900	1,2200	1,1900			1,2200					
Certificate	NL0013007388	SIEME108.7TS OPENB	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0012998652	SIEME114.28S OPENB	EUR	1,2400	1,2950	1,2350	992,0000	1	1,2950	800				
Certificate	NL0012935803	SIEME114.7TS OPENH	EUR	2,0200	2,0500	2,0200			2,0500					
Certificate	NL0012986764	SIEME119.5TS OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0012307441	SIEME122.3TS OPENH	EUR	2,8500	2,8700	2,8500			2,8700					
Certificate	NL0012998660	SIEME124.28S OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012365472	SIEME129.6TS OPENH	EUR	3,6300	3,6500	3,6300			3,6500					
Certificate	NL0011084538	SIEME131.4TS OPENB	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	NL0012175608	SIEME132.4TS OPENH	EUR	3,9300	3,9600	3,9300			3,9600					
Certificate	NL0012201800	SIEME132.8TS OPENH	EUR	3,9800	4,0000	3,9800			4,0000					
Certificate	NL0012175590	SIEME151.6TS OPENH	EUR	5,9900	6,0200	5,9900			6,0200					
Certificate	DE000CV8A534	SIEME25.43TL OPENZ	EUR	1,2250	1,2450	1,2250			1,2450					
Certificate	DE000CV8A542	SIEME30.43TL OPENZ	EUR	0,7250	0,7450	0,7250			0,7450					
Certificate	DE000CF3AFLO	SIEME71.26TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CR9Q0B5	SIEME73.28TL OPENZ	EUR	6,0000	6,0000	5,9600			5,9600					
Certificate	NL0013007628	SIEME74.39BL OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CF3AFK2	SIEME76.54TL OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CN6JU60	SIEME80.17TL OPENZ	EUR	4,6350	4,6350	4,5800			4,5800					
Certificate	NL0012998629	SIEME84.43BL OPENB	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	NL0012998637	SIEME94.48BL OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CD62JG3	SIEME97.03TL OPENZ	EUR	1,2750	1,2750	1,2200			1,2200					
Certificate	DE000VN610G2	SILVE LEVOPENV	EUR	0,3400	0,3650	0,3350	51,0000	1	0,3650	150				
Certificate	DE000VN610F4	SILVE LEVOPENV	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VN610H0	SILVE LEVOPENV	EUR	0,0270	0,0270	0,0270			0,0270					
Certificate	DE000CE6C1F1	SILVE LEVOPENZ	EUR	7,0650	7,0650	7,0650			7,0650					
Certificate	DE000CE6C1G9	SILVE LEVOPENZ	EUR	1,4840	1,4840	1,4840			1,4840					
Certificate	NL0000293116	SILVE PI OPENN	EUR	11,2900	11,8500	11,2900			11,8500					
Certificate	DE000VN610K4	SILVE SHROPEV	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000VN610L2	SILVE SHROPEV	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000VN610J6	SILVE SHROPEV	EUR	15,1650	15,1650	15,1650			15,1650					
Certificate	DE000CE6C1H7	SILVE SHROPEV	EUR	13,1650	13,1650	13,1650			13,1650					
Certificate	DE000CP063U6	SILVE 10TL OPENC	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000CV8A3Z9	SILVE 12TL 1218Z	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CP06PX6	SILVE 12TL OPENC	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CY50941	SILVE 12TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV88RF5	SILVE 13TL 1218Z	EUR	0,2450	0,2450	0,2450			0,2450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012691901	SILVE 13TL OPENB	EUR	1,5800	1,7300	1,5800	284,4000	1	1,7300	180				
Certificate	DE000CP063V4	SILVE 13TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CY50MZ8	SILVE 13TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013156771	SILVE 14TL OPENB	EUR	0,7800	0,8800	0,7200	10961,5100	6	0,8800	14710				
Certificate	DE000CQ5AAH1	SILVE 16TL OPENC	EUR											
Certificate	LU1790505793	SILVE 16TPIOPENS	EUR	1,6500	1,6500	1,5800			1,5800					
Certificate	DE000CV8A9M4	SILVE 16TS 1218Z	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CP07CJ1	SILVE 16TS OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CV16QC9	SILVE 17TL OPENC	EUR											
Certificate	DE000CV8A401	SILVE 17TS 1218Z	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CQ58PE4	SILVE 17TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	LU1651901578	SILVE 18TPIOPENS	EUR	3,3100	3,3100	3,2500			3,2500					
Certificate	DE000CV88RH1	SILVE 18TS 1218Z	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CV523C6	SILVE 18TS OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CV88RG3	SILVE 19TS 1218Z	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CV0AVW7	SILVE 19TS OPENC	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CX01EB1	SILVE 19TS OPENC	EUR											
Certificate	DE000CV88R7	SILVE 20TS 1218Z	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CV0AVX5	SILVE 20TS OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000CV16QD7	SILVE 21TS OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CX0KV55	SILVE 22TS OPENC	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0011050158	SILVE 23TS OPENH	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CX0KVR7	SILVE 24TS OPENC	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0011730700	SILVE 25TS OPENH	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000CX0KVQ9	SILVE 26TS OPENC	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	DE000CX0KVP1	SILVE 28TS OPENC	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	DE000CX0KVN6	SILVE 30TS OPENC	EUR	14,8100	14,8100	14,8100			14,8100					
Certificate	DE000CX0KVM8	SILVE 32TS OPENC	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	NL0011417639	SILVE 6.5TL OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0000450229	SILVE 7.9TL OPENB	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0000450245	SILVE 10.3TL OPENB	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0011050315	SILVE 10.3TL OPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	LU1790506171	SILVE 10.5TPIOPENS	EUR	3,0700	3,1300	3,0700			3,1300					
Certificate	NL0000431641	SILVE 10.8TL OPENB	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0011050307	SILVE 11.4TL OPENH	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0012990535	SILVE 11.5TL OPENB	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0006521304	SILVE 12.1TL OPENB	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VA9CVV5	SILVE 12.1TL OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000VA7TF22	SILVE 12.3TL OPENV	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0012989164	SILVE 12.48L OPENB	EUR	1,6500	1,8100	1,6500	660,0000	1	1,8100	400				
Certificate	LU1790506338	SILVE 12.4TPIOPENS	EUR	1,3500	1,4100	1,3500			1,4100					
Certificate	NL0011050299	SILVE 12.5TL OPENH	EUR	2,1500	2,1500	2,1300	4300,0000	1	2,1300	2000				
Certificate	DE000VA6D4H8	SILVE 12.5TL OPENV	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL001313648	SILVE 12.5TL OPENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0012990543	SILVE 12.6TL OPENB	EUR	1,9700	2,1100	1,9700	59100,0000	1	2,1100	30000				
Certificate	DE000VA6T1C7	SILVE 12.7TL OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013180771	SILVE 12.7TL OPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0011521265	SILVE 12.98L OPENB	EUR	1,2000	1,3600	1,2000	120,0000	1	1,3600	100				
Certificate	DE000VA5REE9	SILVE 12.9TL OPENV	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0012894257	SILVE 13.1TL OPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000VA6T1D5	SILVE 13.2TL OPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000VA4YY33	SILVE 13.4TL OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0009062306	SILVE 13.5TL OPENB	EUR	1,2000	1,3300	1,1700	5887,1800	4	1,3100	4701				
Certificate	NL0011050281	SILVE 13.6TL OPENH	EUR	1,0600	1,2100	1,0600	4282,4000	1	1,2100	4040				
Certificate	DE000VA6T1E3	SILVE 13.7TL OPENV	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000VA7PUX5	SILVE 13.8TL OPENV	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012905517	SILVE 13.8TL OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VA9CYU7	SILVE 14.8TS OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	NL0012989834	SILVE 15.1TS OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000VA5RJP4	SILVE 15.2TS OPENV	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000CV8AWL4	SILVE 15.4TS OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	LU1816982414	SILVE 15.5TPIOPENS	EUR	1,2200	1,2200	1,1500			1,1500					
Certificate	NL0012989289	SILVE 15.6TS OPENB	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA4Y1X8	SILVE 15.7TS OPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA2T9J9	SILVE 15.9TL OPENV	EUR											
Certificate	NL0012981575	SILVE 16.1TS OPENB	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VA4YY25	SILVE 16.2TS OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000VA6T1B9	SILVE 16.4TS OPENV	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	LU1790505959	SILVE 16.5TPIOPENS	EUR	2,0900	2,0900	2,0300			2,0300					
Certificate	NL0012975957	SILVE 16.6TS OPENB	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000VA3KSG4	SILVE 16.8TS OPENV	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	NL0012203004	SILVE 16.9TL OPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL001288968	SILVE 16.9TS OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000VA3KSF6	SILVE 16.9TS OPENV	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000VA3KSH2	SILVE 17.3TS OPENV	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	NL0012551428	SILVE 17.9TS OPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012494819	SILVE 18.2TS OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	LU1695121241	SILVE 18.5TPIOPENS	EUR	3,7700	3,7700	3,7000			3,7000					
Certificate	NL0012242218	SILVE 18.7TS OPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000VL2FN04	SILVE 18.7TS OPENV	EUR	3,5350	3,5350	3,5350			3,5350					
Certificate	DE000VL2FN12	SILVE 19.2TS OPENV	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	DE000CD637R7	SILVE 19.4TS OPENZ	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	NL0011974183	SILVE 19.7TS OPENH	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0011979802	SILVE 20.4TS OPENH	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000CD62K30	SILVE 20.5TS OPENZ	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0011050166	SILVE 21.1TS OPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0011894241	SILVE 22.7TS OPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0011050141	SILVE 26.8TS OPENH	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	NL0011971676	SILVE 29.1TRSOPENH	EUR	13,0900	13,0900	13,0900			13,0900					
Certificate	NL0011894233	SILVE 29.5TS OPENH	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	DE000CG33W21	SILVE 34.5TS OPENC	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0009938992	SILVE 36.6TS OPENB	EUR	21,4100	21,4100	21,4100			21,4100					
Certificate	NL0012990311	SILVE10.15BL OPENB	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CV8AVZ6	SILVE10.17TL OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000CV8B318	SILVE11.17TL OPENZ	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0012989446	SILVE11.21BL OPENB	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CV8B714	SILVE11.23TL OPENZ	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0011408059	SILVE11.69TRLOPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0010897179	SILVE11.71BL OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CN6HP10	SILVE12.18TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000VA9CYW3	SILVE12.24TL OPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	NL0011408042	SILVE12.26TRLOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000VA6D4J4	SILVE12.44TL OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CN6HP02	SILVE12.69TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0011408034	SILVE12.82TRLOPENH	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013128010	SILVE12.83TRLOPENH	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000VASRJRO	SILVE12.93TL OPENV	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0012895775	SILVE13.03TRLOPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012893077	SILVE13.15TRLOPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CN6GW12	SILVE13.19TL OPENZ	EUR	1,0300	1,0550	1,0300	489,2500	1	1,0550	475				
Certificate	DE000CV4Z0D7	SILVE13.26TL OPENZ	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0011408026	SILVE13.39TRLOPENH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000VA4YY41	SILVE13.41TL OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	LU1790506684	SILVE13.45TCIOPENS	EUR	0,4000	0,4600	0,4000			0,4600					
Certificate	NL0010897187	SILVE13.46BL OPENB	EUR	0,7400	0,9000	0,7200	1750,6000	3	0,8600	2190				
Certificate	DE000CJ3P992	SILVE13.46TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012893630	SILVE13.55TRLOPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013185705	SILVE13.58TRLOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013184468	SILVE13.59TRLOPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0013182173	SILVE13.59TRLOPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013183379	SILVE13.59TRLOPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0013182660	SILVE13.59TRLOPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0013184450	SILVE13.69TRLOPENH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CN6G9Y2	SILVE13.71TL OPENZ	EUR	0,4000	0,5600	0,4000	2382,0000	7	0,5600	5600				
Certificate	NL0012893622	SILVE13.75TRLOPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0013083991	SILVE13.86TRLOPENH	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CJ3QC23	SILVE13.95TL OPENZ	EUR											
Certificate	NL0013154313	SILVE13.97BL OPENB	EUR	0,3000	0,4500	0,2600	2200,0000	7	0,4200	6000				
Certificate	DE000VA9C2Y5	SILVE13.99TL OPENV	EUR	0,2700	0,3750	0,2700	51,3000	1	0,3750	190				
Certificate	DE000CJ3QHT1	SILVE14.19TL OPENZ	EUR											
Certificate	DE000VA9OXU2	SILVE14.51TS OPENV	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	NL0013134109	SILVE14.58TRSOPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0013152069	SILVE14.65BS OPENB	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CJ3P7B4	SILVE14.66TS OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0013134091	SILVE14.68TRSOPENH	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000VA9CYJ0	SILVE14.77TS OPENV	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0013134083	SILVE14.78TRSOPENH	EUR	0,6200	0,6200	0,4600	1240,0000	1	0,4600	2000				
Certificate	DE000CJ3P4R7	SILVE14.91TS OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012893069	SILVE14.98TRSOPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000VAGEHN9	SILVE15.07TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0012888333	SILVE15.08TRSOPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012890446	SILVE15.08TRSOPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0013083967	SILVE15.08TRSOPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012938518	SILVE15.08TRSOPENH	EUR	0,7300	0,7300	0,7300			0,7300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012989461	SILVE15.158S OPENB	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV8AXT5	SILVE15.15TS OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013185895	SILVE15.17TRSOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012938500	SILVE15.18TRSOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012937718	SILVE15.18TRSOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012890941	SILVE15.28TRSOPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VASRED1	SILVE15.35TS OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0013185697	SILVE15.37TRSOPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0013184443	SILVE15.37TRSOPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0013129406	SILVE15.38TRSOPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0013127996	SILVE15.38TRSOPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012893051	SILVE15.38TRSOPENH	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0013084726	SILVE15.48TRSOPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CV8AVQ5	SILVE15.48TS OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000VAGEHQ2	SILVE15.57TS OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CV8ATT3	SILVE15.65TS OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012989180	SILVE15.66BS OPENB	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012929962	SILVE15.68TRSOPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA4YY09	SILVE15.86TS OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012930556	SILVE15.88TRSOPENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CV8A3J3	SILVE15.89TS OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012930549	SILVE15.98TRSOPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000VAGEHR0	SILVE16.07TS OPENV	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0012930531	SILVE16.08TRSOPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CV8A8F0	SILVE16.15TS OPENZ	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012979629	SILVE16.16BS OPENB	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012928816	SILVE16.18TRSOPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012925523	SILVE16.28TRSOPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000VA4YY17	SILVE16.36TS OPENV	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0012925515	SILVE16.38TRSOPENH	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CV89PS0	SILVE16.39TS OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012925507	SILVE16.48TRSOPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CV89PZ5	SILVE16.48TS OPENZ	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000VA7TDE3	SILVE16.55TS OPENV	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012919302	SILVE16.58TRSOPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012924096	SILVE16.58TRSOPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0013003536	SILVE16.66BS OPENB	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0012919088	SILVE16.68TRSOPENH	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0012919070	SILVE16.78TRSOPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012917942	SILVE16.88TRSOPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CV89HY5	SILVE16.89TS OPENZ	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0012917934	SILVE16.98TRSOPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	LU1790425505	SILVE17.05TPIOPENS	EUR	2,5600	2,5600	2,5000			2,5000					
Certificate	NL0012917926	SILVE17.08TRSOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012916449	SILVE17.08TRSOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012916431	SILVE17.28TRSOPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012863401	SILVE17.28TRSOPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012863393	SILVE17.38TRSOPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CV88FV7	SILVE17.39TS OPENZ	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012613004	SILVE17.44TRSOPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CV89HV1	SILVE17.48TS OPENZ	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000VL76840	SILVE17.53TS OPENV	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	NL0012864201	SILVE17.58TRSOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012863385	SILVE17.68TRSOPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012863377	SILVE17.78TRSOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012863369	SILVE17.88TRSOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CE6EU31	SILVE17.89TS OPENZ	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012612998	SILVE17.94TRSOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	LU1651918549	SILVE18.05TPIOPENS	EUR	3,3600	3,3600	3,3000			3,3000					
Certificate	NL0012864193	SILVE18.08TRSOPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000VL2FT16	SILVE18.16TS OPENV	EUR	3,1050	3,1050	3,1050			3,1050					
Certificate	NL0012863351	SILVE18.18TRSOPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012863344	SILVE18.28TRSOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CE6CMQ5	SILVE18.39TS OPENZ	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CE6CF22	SILVE18.48TS OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0011979588	SILVE18.49TRSOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012052617	SILVE18.58TRSOPENH	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012053326	SILVE18.59TRSOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012052906	SILVE18.59TRSOPENH	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012054407	SILVE18.62TRSOPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012053722	SILVE18.62TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0011997663	SILVE18.66TRSOPENH	EUR	3,8900	3,8900	3,8900			3,8900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011997713	SILVE18.66TRSOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0011997952	SILVE18.67TRSOPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012048755	SILVE18.68TRSOPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0012049274	SILVE18.69TRSOPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0012052369	SILVE18.71TRSOPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012054969	SILVE18.76TRSOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012055248	SILVE18.77TRSOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CD63755	SILVE18.91TS OPENZ	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	LU1651918978	SILVE19.05TPIOPENS	EUR	4,2400	4,2400	4,1800			4,1800					
Certificate	NL0011971346	SILVE19.46TRSOPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CD63815	SILVE19.48TS OPENZ	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CD625N0	SILVE19.92TS OPENZ	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CD61X44	SILVE20.43TS OPENZ	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012864185	SILVE20.48TRSOPENH	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012092126	SILVE20.53TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012090559	SILVE20.53TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012095418	SILVE20.53TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012095038	SILVE20.53TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012095822	SILVE20.54TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012097372	SILVE20.55TRSOPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012096416	SILVE20.55TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012096200	SILVE20.55TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012172712	SILVE20.56TRSOPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012181077	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012200026	SILVE20.57TRSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012195390	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012176788	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012916423	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012196638	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012173454	SILVE20.57TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012198469	SILVE20.57TRSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012200331	SILVE20.57TRSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012199541	SILVE20.58TRSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012195754	SILVE20.58TRSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0011421060	SILVE20.84TRSOPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CD61X51	SILVE20.93TS OPENZ	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0011417381	SILVE21.06TRSOPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CD61X69	SILVE21.42TS OPENZ	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CE6BTC2	SILVE21.48TS OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CD62171	SILVE21.93TS OPENZ	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0011734363	SILVE22.01TRSOPENH	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CD61X77	SILVE22.42TS OPENZ	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0011417373	SILVE22.94TRSOPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012916415	SILVE24.07TRSOPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0011735816	SILVE24.88TRSOPENH	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	NL0011888912	SILVE26.81TRSOPENH	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	NL0011894472	SILVE28.93TRSOPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0011894993	SILVE28.94TRSOPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0011896741	SILVE28.95TRSOPENH	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	NL0011929443	SILVE28.98TRSOPENH	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	NL0011929658	SILVE28.99TRSOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	NL0011931084	SILVE29.01TRSOPENH	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	NL0011931878	SILVE29.01TRSOPENH	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	NL0011935077	SILVE29.05TRSOPENH	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	NL0011970348	SILVE29.07TRSOPENH	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	NL0011971155	SILVE29.08TRSOPENH	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	NL0011971338	SILVE29.09TRSOPENH	EUR	13,0800	13,0800	13,0800			13,0800					
Certificate	NL0011972922	SILVE29.14TRSOPENH	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0011973623	SILVE29.14TRSOPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0011973946	SILVE29.15TRSOPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0011417415	SILVE7.173TRLOPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011417407	SILVE9.433TRLOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CJ3N1S3	SINA 45.54TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CV8ATB1	SINA 53.41TL OPENZ	EUR	1,3500	1,3500	1,0350	13500,0000	1	1,0350	10000				
Certificate	DE000CD62ZT2	SIPF 19.67L OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CV8B9F7	SIPF 17.43TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CV87LM6	SIPF 21.74TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013012008	SIPF 22.32BL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CD62ZS4	SIPF 23.87TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0012995369	SIPF 24.32BL OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CV87LN4	SIPF 25.95TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012994065	SIPF 26.33BL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013013303	SIPF 28.338L OPENB	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CJ3PEX2	SIPF 28.48TL OPENZ	EUR	0,3700	0,3700	0,3650	3700,0000	5	0,3650	10000				
Certificate	NL0012994123	SIPF 32.448S OPENB	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0012978993	SIPF 35.428S OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012979009	SIPF 38.388S OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CE6CQTO	SLIGR21.43TL OPENZ	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	DE000CE6CNS9	SLIGR24.57TL OPENZ	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000CE6CNR1	SLIGR27.57TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0012982177	SLIGR30.638L OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CV4ZBG4	SLIGR30.73TL OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0012983613	SLIGR31.628L OPENB	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0012977664	SLIGR32.658L OPENB	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CV8AZH5	SLIGR32.85TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0012983621	SLIGR33.638L OPENB	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CJ3NSR9	SLIGR35.39TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0013003643	SLIGR35.648L OPENB	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	NL0012983662	SLIGR40.778S OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013004815	SLIGR44.748S OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE0005437461	SMI PI OPENN	EUR	79,1900	79,1900	79,1900			79,1900					
Certificate	NL0010283115	SMI 5930TL OPENB	EUR	28,1900	28,1900	28,1900			28,1900					
Certificate	NL0010286795	SMI 6460TL OPENB	EUR	23,6800	23,6800	23,6800			23,6800					
Certificate	NL0010444196	SMI 6920TL OPENB	EUR	19,7000	19,7000	19,7000			19,7000					
Certificate	NL0012100770	SMI 7740TL OPENB	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0012117881	SMI 8190TL OPENB	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0012980312	SMI 8580TL OPENB	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012260434	SMI 9230TS OPENB	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012266548	SMI 9610TS OPENB	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	NL0012790265	SMI 10000TS OPENB	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	DE000CP0GUR8	SNAP 4TL OPENC	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CV52YS4	SNAP 6TL OPENC	EUR											
Certificate	DE000CP0GUS6	SNAP 8TS OPENC	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CP07B76	SNAP 8TS OPENC	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CP06KY5	SNAP 10TS OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CV51170	SNAP 11TL OPENC	EUR											
Certificate	DE000CV524E0	SNAP 12TL OPENC	EUR											
Certificate	DE000CP06305	SNAP 12TS OPENC	EUR											
Certificate	DE000CV52N67	SNAP 13TL OPENC	EUR											
Certificate	DE000CQ58EN9	SNAP 15TS OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CQ5ALB1	SNAP 16TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CQ5A1R3	SNAP 22TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CJ3N6L7	SNAP 5.2TL 1218Z	EUR	1,1450	1,1450	1,1250			1,1250					
Certificate	DE000CJ3N6M5	SNAP 5.6TL 1218Z	EUR	0,7950	0,7950	0,7850			0,7850					
Certificate	DE000CJ3QFQ1	SNAP 4.55TL 0319Z	EUR	1,7250	1,7250	1,7150			1,7150					
Certificate	DE000CJ3P8P2	SNAP 5.25TL 0319Z	EUR	1,1150	1,1150	1,1050			1,1050					
Certificate	DE000CJ3QBK3	SNAP 5.65TL 0319Z	EUR	0,7650	0,7650	0,7550			0,7550					
Certificate	DE000CJ3QLG0	SNAP 6.05TL 0319Z	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CJ3N054	SNAP 4.712TL OPENZ	EUR	1,5350	1,5350	1,5250			1,5250					
Certificate	DE000CJ3N195	SNAP 5.615TL OPENZ	EUR	0,7550	0,7550	0,7450			0,7450					
Certificate	DE000CJ3POC7	SODEX56.82TL OPENZ	EUR	1,9000	1,9000	1,8800			1,8800					
Certificate	DE000CV88707	SODEX66.82TL OPENZ	EUR	1,4200	1,4200	1,4000			1,4000					
Certificate	DE000CV87JW9	SODEX77.29TL OPENZ	EUR	0,9200	0,9200	0,9000			0,9000					
Certificate	DE000CJ3P5A0	SODEX87.29TL OPENZ	EUR	0,4300	0,4300	0,4100			0,4100					
Certificate	DE000CE6CQV6	SOF 101.9TL OPENZ	EUR											
Certificate	DE000CE6CNC3	SOF 112.4TL OPENZ	EUR											
Certificate	DE000CE6CNB5	SOF 122.9TL OPENZ	EUR											
Certificate	DE000CV88K61	SOF 133.3TL OPENZ	EUR											
Certificate	DE000CV892C3	SOF 143.7TL OPENZ	EUR											
Certificate	NL0012998108	SOF 148.38L OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CV8AP67	SOF 154.1TL OPENZ	EUR	1,5000	1,5100	1,5000	2255,0000	6	1,5100	1500				
Certificate	NL0012998116	SOF 158.38L OPENB	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	NL0013147440	SOF 168.38L OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CJ3P2G4	SOF 169.1TL OPENZ	EUR											
Certificate	NL0012998272	SOF 188.78S OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0012999056	SOF 208.68S OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000CE6E1Z7	SOF 81.42TL OPENZ	EUR											
Certificate	DE000CE6CQW4	SOF 91.18TL OPENZ	EUR											
Certificate	DE000CJ3PWF1	SOFTB 5563TL OPENZ	EUR	3,1750	3,1750	3,1700			3,1700					
Certificate	DE000CJ3PAT8	SOFTB 6563TL OPENZ	EUR	2,4550	2,4600	2,4550			2,4600					
Certificate	DE000CV8AST5	SOFTB 7555TL OPENZ	EUR	1,7350	1,7400	1,7350			1,7400					
Certificate	DE000CJ3QBVO	SOFTB 8555TL OPENZ	EUR	1,0050	1,0100	1,0050			1,0100					
Certificate	DE000CV8B2A3	SOFTB 9678TL OPENZ	EUR											
Certificate	DE000CX59GR0	SOGEN 30TL OPENC	EUR	4,9000	4,9000	4,9000			4,9000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011642822	SOGEN 17.2TL OPENB	EUR	17,3850	17,3850	17,3850			17,3850					
Certificate	NL0011226444	SOGEN 18.6TL OPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0010444097	SOGEN 19.8TL OPENB	EUR	14,9950	14,9950	14,9950			14,9950					
Certificate	NL0012025670	SOGEN 30.4TL OPENB	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	NL0013014293	SOGEN 35.5TS OPENB	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	NL0012793632	SOGEN 40.5TS OPENB	EUR	12,0550	12,0550	12,0550			12,0550					
Certificate	NL0012431647	SOGEN 46.9TS OPENH	EUR	2,1900	2,2000	2,1900			2,2000					
Certificate	DE000CN6J8R5	SOGEN23.47TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0011989702	SOGEN29.98TL OPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CD63CC5	SOGEN31.15TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0013185226	SOGEN32.19TL OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013184773	SOGEN32.19TL OPENH	EUR											
Certificate	NL0013183866	SOGEN34.19TS OPENH	EUR	0,7000	0,7100	0,7000			0,7100					
Certificate	NL0012934814	SOGEN38.78TS OPENH	EUR	1,2300	1,2500	1,2300			1,2500					
Certificate	NL0012934277	SOGEN39.99TS OPENH	EUR	1,3800	1,3900	1,3800			1,3900					
Certificate	NL0012848113	SOGEN40.95TS OPENH	EUR	1,4900	1,5000	1,4900			1,5000					
Certificate	NL0012846737	SOGEN41.93TS OPENH	EUR	1,6000	1,6200	1,6000			1,6200					
Certificate	NL0012846729	SOGEN42.92TS OPENH	EUR	1,7200	1,7300	1,7200			1,7300					
Certificate	NL0012595037	SOGEN43.94TS OPENH	EUR	1,8400	1,8500	1,8400			1,8500					
Certificate	NL0012581235	SOGEN45.87TS OPENH	EUR	2,0700	2,0800	2,0700			2,0800					
Certificate	NL0012582613	SOGEN47.85TS OPENH	EUR	2,3000	2,3100	2,3000			2,3100					
Certificate	NL0012581227	SOGEN48.82TS OPENH	EUR	2,4100	2,4200	2,4100			2,4200					
Certificate	NL0011226378	SOGEN49.14TS OPENH	EUR	2,4500	2,4600	2,4500			2,4600					
Certificate	NL0012581987	SOGEN50.79TS OPENH	EUR	2,6400	2,6600	2,6400			2,6600					
Certificate	NL0012581219	SOGEN51.76TS OPENH	EUR	2,7600	2,7700	2,7600			2,7700					
Certificate	NL0012057756	SOGEN53.19TS OPENH	EUR	2,9200	2,9400	2,9200			2,9400					
Certificate	NL0012565618	SOGEN53.68TS OPENH	EUR	2,9800	3,0000	2,9800			3,0000					
Certificate	NL0012051205	SOGEN53.92TS OPENH	EUR	3,0100	3,0200	3,0100			3,0200					
Certificate	NL0012054241	SOGEN54.05TS OPENH	EUR	3,0300	3,0400	3,0300			3,0400					
Certificate	NL0012331730	SOGEN60.19TS OPENH	EUR	3,7500	3,7600	3,7500			3,7600					
Certificate	NL0012366322	SOGEN60.29TS OPENH	EUR	3,7600	3,7700	3,7600			3,7700					
Certificate	DE000CJ3N3E9	SOHU 11.55TL OPENZ	EUR	1,8250	1,8250	1,7450			1,7450					
Certificate	DE000CJ3NY95	SOHU 13.58TL OPENZ	EUR	1,4950	1,4950	1,4150			1,4150					
Certificate	DE000CV8BAG8	SOHU 15.53TL OPENZ	EUR	1,1850	1,1850	1,0950			1,0950					
Certificate	DE000CJ3POT1	SOHU 17.53TL OPENZ	EUR	0,8450	0,8450	0,7650			0,7650					
Certificate	NL0010131181	SOLAR 18TL OPENB	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0010285268	SOLAR 25TL OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CJ3PNX3	SOLAR27.79TL OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000CJ3NNS8	SOLAR33.82TL OPENZ	EUR	0,5050	0,5100	0,5050	56,1000	1	0,5050	110				
Certificate	NL0010733838	SOLAE 33.82TL OPENZ	EUR	101,1500	101,1500	101,1500			101,1500					
Certificate	NL0010133062	SOLVA 65TL OPENB	EUR	36,0400	36,0400	36,0400			36,0400					
Certificate	DE000CQ58L14	SOLVA 80TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CP06XC4	SOLVA 90TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CP06MK0	SOLVA 110TL OPENC	EUR											
Certificate	DE000CY16SC5	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06U66	SOLVA 110TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CQ58L30	SOLVA 120TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CQ58XR0	SOLVA 130TS OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CQ58XS8	SOLVA 140TS OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0013156177	SOLVA 100.85 OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013009095	SOLVA 110.85 OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0012993091	SOLVA 120.85 OPENB	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0009175983	SOLVA 36.4TL OPENB	EUR	64,4200	64,4200	64,4200			64,4200					
Certificate	DE000CN6E KY8	SOLVA 67.6TL OPENZ	EUR	28,2650	28,2650	27,8450			27,8450					
Certificate	NL0011913041	SOLVA 83.2TL OPENB	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0011917083	SOLVA 90.9TL OPENB	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	NL0012030720	SOLVA 93.4TL OPENB	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0013156912	SOLVA 98.2TS OPENB	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	NL0013155013	SOLVA103.2TS OPENB	EUR	17,2100	17,2100	17,2100			17,2100					
Certificate	NL0013011901	SOLVA108.2TS OPENB	EUR	22,6600	22,6600	22,6600			22,6600					
Certificate	NL0013010283	SOLVA113.3TS OPENB	EUR	28,1300	28,1300	28,1300			28,1300					
Certificate	NL0013006000	SOLVA118.3TS OPENB	EUR	33,4900	33,4900	33,4900			33,4900					
Certificate	DE000CE6CP55	SOLVA128.7TS OPENZ	EUR	3,3400	3,3800	3,3400			3,3800					
Certificate	NL0012993109	SOLVA129.98S OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000CE6FCB1	SOLVA145.6TS OPENZ	EUR	5,0200	5,0700	5,0200			5,0700					
Certificate	DE000CN6JU78	SOLVA75.57TL OPENZ	EUR	20,3550	20,3550	19,9350			19,9350					
Certificate	DE000CN6K933	SOLVA80.53TL OPENZ	EUR	15,4350	15,4350	15,0250			15,0250					
Certificate	NL0013016520	SOLVA82.59BL OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CD62DF8	SOLVA85.49TL OPENZ	EUR	10,5400	10,5400	8,9800	497,6500	2	10,1200	55				
Certificate	NL0013014830	SOLVA87.61BL OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CD62LE4	SOLVA91.42TL OPENZ	EUR	4,7250	4,7250	3,5500	5347,5000	2	4,2850	1500				
Certificate	NL0013008766	SOLVA92.62BL OPENB	EUR	0,3700	0,3750	0,3050	2313,5000	3	0,3250	7000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010129045	SONY 9.9TL OPENB	EUR	38,0800	38,0800	38,0800			38,0800					
Certificate	NL0010289104	SONY 16.3TL OPENB	EUR	32,9300	32,9300	32,9300			32,9300					
Certificate	DE000CV8AJH9	SONY 4278TL OPENZ	EUR	1,4700	1,4900	1,4700			1,4900					
Certificate	DE000CV8ASV1	SONY 5340TL OPENZ	EUR	0,6900	0,7100	0,6900			0,7100					
Certificate	DE000CJ3NKE4	SONY 6387TL OPENZ	EUR											
Certificate	NL0011233366	SOYBN 6.84TL OPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0012922512	SOYBN 7.51TL OPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012922504	SOYBN 7.71TL OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0011233358	SOYBN 7.91TL OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012922496	SOYBN 8.11TL OPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012938427	SOYBN 9.18TS OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012938419	SOYBN 9.38TS OPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0012922439	SOYBN 9.47TS OPENH	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012922421	SOYBN 9.66TS OPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0011233283	SOYBN13.16TS OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0011233275	SOYBN15.03TS OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE0005591325	SP500 PI OPENN	EUR	237,9800	237,9800	237,9800			237,9800					
Certificate	NL0011218656	SP500 STN0320V	EUR											
Certificate	XS1586684836	SP500 STN0323B	USD	108,4000	108,4000	108,4000			108,4000					
Certificate	NL0011218714	SP500 STN0324V	USD											
Certificate	NL0012248074	SP500 STN0723V	USD											
Certificate	NL0010733846	SP500 STN0919V	USD	130,8000	130,8000	130,8000			130,8000					
Certificate	NL0011218359	SP500 STN1019V	EUR											
Certificate	NL0009065168	SP500 400TL OPENB	EUR	20,6700	20,6700	20,6700			20,6700					
Certificate	NL0009176148	SP500 790TL OPENB	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	NL0009256056	SP500 880TL OPENB	EUR	16,5200	16,5200	16,5200			16,5200					
Certificate	NL0009560283	SP500 960TL OPENB	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0011419601	SP500 1053TL OPENH	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	NL0011420138	SP500 1086TRLOPENH	EUR	14,4300	14,4300	14,4300			14,4300					
Certificate	NL0010001194	SP500 1170TL OPENB	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	NL0011412648	SP500 1410TRLOPENH	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	NL0010282422	SP500 1420TL OPENB	EUR	118,4400	118,4400	118,4400			118,4400					
Certificate	NL0011047600	SP500 1428TL OPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0012850978	SP500 1464TRLOPENH	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0010287975	SP500 1470TL OPENB	EUR	114,3600	114,3600	114,3600			114,3600					
Certificate	NL0012850960	SP500 1516TRLOPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	NL0011047592	SP500 1517TL OPENH	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	NL0010288635	SP500 1520TL OPENB	EUR	110,2200	110,2200	110,2200			110,2200					
Certificate	DE000CZ0HY84	SP500 1535TL OPENZ	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000CF3AP54	SP500 1543TL OPENC	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	NL0011595202	SP500 1552TL OPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	NL0011047295	SP500 1593TRLOPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	DE000CC5KHU4	SP500 1600TL OPENC	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0011047584	SP500 1606TL OPENH	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0011047576	SP500 1651TL OPENH	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0011602644	SP500 1683TL OPENH	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	NL0011047287	SP500 1686TRLOPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0011047568	SP500 1696TL OPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000CX00PP9	SP500 1700TL OPENC	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	DE000CN6IQK3	SP500 1704TL OPENZ	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0011596812	SP500 1716TL OPENH	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	NL0011596804	SP500 1726TL OPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0011047279	SP500 1732TRLOPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	NL0011047550	SP500 1740TL OPENH	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	NL0011595194	SP500 1759TL OPENH	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0011595186	SP500 1770TL OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000CZ2FSK2	SP500 1770TL OPENZ	EUR	8,1800	8,4350	8,1600	3718,6500	4	8,4350	455				
Certificate	NL0011047261	SP500 1778TRLOPENH	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	NL0011047543	SP500 1785TL OPENH	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0011637566	SP500 1789BL OPENB	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	DE000CF809E8	SP500 1797TL OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0010609400	SP500 1800TL OPENB	EUR	85,9800	85,9800	85,9800			85,9800					
Certificate	DE000CC5KHW0	SP500 1800TL OPENC	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0011593330	SP500 1804TL OPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0011592712	SP500 1815TL OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0011047253	SP500 1825TRLOPENH	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0011047535	SP500 1829TL OPENH	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	NL0011602636	SP500 1847TL OPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0011603071	SP500 1858TL OPENH	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0011603063	SP500 1869TL OPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0011047246	SP500 1871TRLOPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0011603055	SP500 1880TL OPENH	EUR	7,9900	7,9900	7,9900			7,9900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011605845	SP500 1891TL OPENH	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CJ3QCC8	SP500 1900TL 0319Z	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000CX00LK9	SP500 1900TL OPENC	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000CX00L48	SP500 1900TL OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0011605837	SP500 1902TL OPENH	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0011605829	SP500 1913TL OPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0011606082	SP500 1924TL OPENH	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000CZ7DSD1	SP500 1926TL OPENZ	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012850952	SP500 1927TRLOPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0011705694	SP500 1935TL OPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0011700885	SP500 1946TL OPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0011650700	SP500 1947BL OPENB	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0011700877	SP500 1957TL OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CR9Q138	SP500 1961TL OPENZ	EUR	6,7450	6,7450	6,7450			6,7450					
Certificate	NL0011695036	SP500 1961TRLOPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0011705686	SP500 1968TL OPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0011652649	SP500 1969BL OPENB	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0011705678	SP500 1979TL OPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0011705660	SP500 1990TL OPENH	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000CN6J771	SP500 1994TL OPENZ	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0011657168	SP500 2000TL OPENB	EUR	69,1000	69,1000	69,1000			69,1000					
Certificate	DE000CX59150	SP500 2000TL OPENC	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CX59W11	SP500 2000TL OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0011705652	SP500 2001TL OPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012850945	SP500 2004TRLOPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011705645	SP500 2012TL OPENH	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0011716089	SP500 2022TL OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CN6J2A5	SP500 2026TL OPENZ	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	NL0012850937	SP500 2030TRLOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0011716071	SP500 2033TL OPENH	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CJ3NU08	SP500 2050TL 1218Z	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0011892757	SP500 2052TL OPENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	NL0011723630	SP500 2058TRLOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CN6K453	SP500 2059TL OPENZ	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0011892740	SP500 2063TL OPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0011723622	SP500 2069TRLOPENH	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0011893417	SP500 2074TL OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011723614	SP500 2080TRLOPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0011893409	SP500 2085TL OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CN6K826	SP500 2091TL OPENZ	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0011723606	SP500 2091TRLOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0011893391	SP500 2095TL OPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0011715875	SP500 2095TRLOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0011716329	SP500 2095TRLOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CJ3P794	SP500 2100TL 0319Z	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CX59M05	SP500 2100TL OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CX59RU1	SP500 2100TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0011893383	SP500 2106TL OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0011894134	SP500 2117TL OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CN6KE18	SP500 2123TL OPENZ	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	NL0011894126	SP500 2127TL OPENH	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0012850929	SP500 2133TRLOPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0011992771	SP500 2145TL OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CN6KM75	SP500 2155TL OPENZ	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0011992763	SP500 2156TL OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012850911	SP500 2158TRLOPENH	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0011992755	SP500 2166TL OPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0011993290	SP500 2177TL OPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0011716543	SP500 2186TS OPENH	EUR											
Certificate	DE000CD61V87	SP500 2187TL OPENZ	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	NL0011993282	SP500 2188TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0011993274	SP500 2198TL OPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CX59267	SP500 2200TL OPENC	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000CX59Y76	SP500 2200TL OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0011994918	SP500 2204TRLOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0011890959	SP500 2206TS OPENH	EUR											
Certificate	NL0011996251	SP500 2210TL OPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CD61WY1	SP500 2218TL OPENZ	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	NL0011996939	SP500 2220TL OPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0012240469	SP500 2231TL OPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0012850903	SP500 2236TRLOPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0011997457	SP500 2241TL OPENH	EUR	4,9200	4,9200	4,9200			4,9200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8ACC5	SP500 2250TL 1218Z	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000CD63MF7	SP500 2250TL OPENZ	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	NL0012206577	SP500 2252TL OPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012039283	SP500 2256BL OPENB	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	NL0012850895	SP500 2261TRLOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012050371	SP500 2267TL OPENH	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0012050363	SP500 2277TL OPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CD63MG5	SP500 2282TL OPENZ	EUR	3,7000	3,9250	3,6600	24110,1000	7	3,9250	6496				
Certificate	NL0012850887	SP500 2287TRLOPENH	EUR	3,5700	3,8500	3,5700	1017,4500	1	3,8500	285				
Certificate	NL0012051288	SP500 2289TL OPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CJ3P8A4	SP500 2300TL 0319Z	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	NL0012107197	SP500 2300TL OPENB	EUR	43,1100	43,1100	43,1100			43,1100					
Certificate	DE000CY16BN8	SP500 2300TL OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CY52P7	SP500 2300TL OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CY16G61	SP500 2300TL OPENC	EUR	3,1600	3,4100	3,1600	1580,0000	1	3,4100	500				
Certificate	NL0012054985	SP500 2304TL OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	LU1840978347	SP500 2307TCIOPENS	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CD63T63	SP500 2313TL OPENZ	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	NL0012057327	SP500 2319TL OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000VL9VU32	SP500 2320TL OPENV	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	NL0012090542	SP500 2325TRLOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012055230	SP500 2329TRLOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012055479	SP500 2329TRLOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012094841	SP500 2330TL OPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012054951	SP500 2330TRLOPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012053318	SP500 2332TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012052062	SP500 2333TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CD63ZY0	SP500 2344TL OPENZ	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	NL0012174999	SP500 2347TL OPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012174981	SP500 2358TL OPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012850879	SP500 2364TRLOPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012174973	SP500 2369TL OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	LU1876840643	SP500 2375TCIOPENS	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CD64F68	SP500 2375TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	NL0012207708	SP500 2379TL OPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012207690	SP500 2390TL OPENH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0012850861	SP500 2390TRLOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0013008253	SP500 2400BL OPENB	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CJ3QGA3	SP500 2400TL 0319Z	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000CY50LN6	SP500 2400TL OPENC	EUR	2,0000	2,2400	2,0000	800,0000	2	2,2400	400				
Certificate	DE000CY50MN4	SP500 2400TL OPENC	EUR	2,3600	2,5600	2,3600	70,8000	1	2,5600	30				
Certificate	NL0012213888	SP500 2400TL OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CF6BHO7	SP500 2406TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	LU1840978420	SP500 2407TCIOPENS	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0012213870	SP500 2411TL OPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012306427	SP500 2422TL OPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000VA9OR96	SP500 2428TL OPENV	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0012306419	SP500 2432TL OPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CE6BLV9	SP500 2437TL OPENZ	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	NL0012306229	SP500 2440TRLOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013185804	SP500 2440TRLOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012242374	SP500 2441TRLOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012243711	SP500 2442TRLOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012239800	SP500 2442TRLOPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012306971	SP500 2443TL OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012239016	SP500 2443TRLOPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CV8ACD3	SP500 2450TL 1218Z	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	NL0012272181	SP500 2450TL OPENB	EUR	28,4000	30,8800	28,3800	14200,0000	1	30,8800	500				
Certificate	NL0012307375	SP500 2453TL OPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000VA8F063	SP500 2453TL OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0013008246	SP500 2461BL OPENB	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CE6C097	SP500 2468TL OPENZ	EUR	1,9900	2,2850	1,9900	298,5000	1	2,2850	150				
Certificate	NL0012435192	SP500 2472TL OPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	LU1876840726	SP500 2475TCIOPENS	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000VA8F071	SP500 2478TL OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	NL0013008238	SP500 2481BL OPENB	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0012435184	SP500 2483TL OPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VL61T96	SP500 2489TL OPENV	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012850853	SP500 2493TRLOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012437636	SP500 2494TL OPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CE6DCZ5	SP500 2499TL OPENZ	EUR	1,7400	2,0150	1,7400	348,0000	1	2,0150	200				
Certificate	NL0012494173	SP500 2500BL OPENB	EUR	4,1500	4,1500	4,1500			4,1500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3P9U0	SP500 2500TL 0319Z	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000CP078X4	SP500 2500TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CP064M1	SP500 2500TL OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CY51W67	SP500 2500TL OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CY51W50	SP500 2500TL OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012516892	SP500 2506TL OPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	LU1719609676	SP500 2508TCIOPENS	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012516884	SP500 2516TL OPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0012850846	SP500 2518TRLOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000VL9VVA2	SP500 2520TL OPENV	EUR	1,2500	1,4950	1,2500	13750,0000	1	1,4950	11000				
Certificate	NL0012498893	SP500 2521BL OPENB	EUR	3,3250	3,7800	3,3200	116,2000	1	3,7800	35				
Certificate	LU1876840999	SP500 2525TCIOPENS	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012517676	SP500 2527TL OPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012498859	SP500 2530TL OPENB	EUR	21,5100	23,7100	21,5100	10755,0000	1	23,7100	500				
Certificate	DE000CE6EC66	SP500 2530TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0013184435	SP500 2532TRLOPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012550149	SP500 2538TL OPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000VL76G37	SP500 2539TL OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0012523468	SP500 2545TRLOPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0012522841	SP500 2547TL OPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CV8ACE1	SP500 2550TL 1218Z	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	NL0013125388	SP500 2557TRLOPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CE6EXF1	SP500 2561TL OPENZ	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	NL0012502694	SP500 2562BL OPENB	EUR	2,5100	3,0600	2,5100	1004,0000	1	3,0600	400				
Certificate	NL0012573596	SP500 2563TL OPENH	EUR											
Certificate	NL0012524938	SP500 2566TL OPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013125370	SP500 2567TRLOPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012573588	SP500 2573TL OPENH	EUR											
Certificate	NL0013125362	SP500 2577TRLOPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012573612	SP500 2579TL OPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012599658	SP500 2580TRLOPENH	EUR											
Certificate	NL0012508279	SP500 2583BL OPENB	EUR	2,2000	2,6900	2,2000	19300,0000	3	2,6900	7500				
Certificate	NL0012573570	SP500 2583TL OPENH	EUR											
Certificate	NL0012779078	SP500 2590TL OPENB	EUR	15,2900	18,2100	15,2600	595,7100	2	18,2100	39				
Certificate	NL0012573604	SP500 2590TL OPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CE6F082	SP500 2591TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012850838	SP500 2595TRLOPENH	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CJ3QKU3	SP500 2600TL 0319Z	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0013146301	SP500 2603BL OPENB	EUR	1,8500	2,3300	1,8400	555,0000	1	2,3300	300				
Certificate	NL0012850820	SP500 2606TRLOPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012601603	SP500 2607TL OPENH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0013145634	SP500 2620TL OPENB	EUR	9,1000	11,9200	9,0800	105768,9500	4	11,9200	11340				
Certificate	DE000CJ3PT25	SP500 2621TL OPENZ	EUR	0,6600	0,9450	0,6600	990,0000	1	0,9450	1500				
Certificate	NL0013146939	SP500 2622BL OPENB	EUR	1,4000	2,0000	1,3700	7930,0000	6	2,0000	5460				
Certificate	LU1876841021	SP500 2625TCIOPENS	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0013128846	SP500 2625TRLOPENH	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000VA87GL2	SP500 2628TL OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0012611453	SP500 2630TL OPENH	EUR											
Certificate	NL0013185929	SP500 2640TL OPENH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	LU1876841294	SP500 2650TCIOPENS	EUR											
Certificate	NL0013184864	SP500 2679TS OPENH	EUR											
Certificate	NL0013147937	SP500 2680TL OPENB	EUR											
Certificate	NL0013184427	SP500 2699TRSOPENH	EUR	0,1400	0,1400	0,1100	1250,0000	2	0,1100	10000				
Certificate	NL0012269682	SP500 2700BOC1218B	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	DE000C058JN8	SP500 2700TL OPENC	EUR											
Certificate	DE000CJ3QH10	SP500 2700TS 0319Z	EUR											
Certificate	NL0013156417	SP500 2700TS OPENB	EUR											
Certificate	DE000CP236U8	SP500 2700TS OPENC	EUR											
Certificate	NL0013184419	SP500 2709TRSOPENH	EUR											
Certificate	DE000VA90R70	SP500 2713TS OPENV	EUR	0,2000	0,2450	0,1850	195,5000	4	0,2400	900				
Certificate	NL0013184401	SP500 2719TRSOPENH	EUR											
Certificate	NL0013184559	SP500 2719TS OPENH	EUR											
Certificate	NL0013156425	SP500 2720TS OPENB	EUR											
Certificate	DE000CJ3QEX0	SP500 2727TS OPENZ	EUR	0,3800	0,3800	0,0750	813,2000	2	0,0750	2140				
Certificate	NL0013184393	SP500 2729TRSOPENH	EUR	0,1300	0,1300	0,1000	26,0000	1	0,1000	200				
Certificate	NL0013155906	SP500 2730BS OPENB	EUR	0,3200	0,3200	0,2900	96,0000	1	0,2900	300				
Certificate	DE000VA9C5A8	SP500 2738TS OPENV	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	NL0013184385	SP500 2739TRSOPENH	EUR	0,4700	0,4700	0,1800	219,5000	5	0,1800	550				
Certificate	NL0013184856	SP500 2739TS OPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0013181399	SP500 2749TS OPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013155914	SP500 2750BS OPENB	EUR	1,2700	1,3300	0,7000	1371,4000	5	0,7000	1505				
Certificate	NL0013153703	SP500 2750TS OPENB	EUR	5,6700	5,6700	5,6700			5,6700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QEY8	SP500 2757TS OPENZ	EUR	0,5900	0,5900	0,3550	354,0000	1	0,3550	600				
Certificate	NL0013181209	SP500 2758TRSOPENH	EUR	0,4100	0,4100	0,3400	41,0000	1	0,3400	100				
Certificate	DE000VA9C5B6	SP500 2763TS OPENV	EUR	0,6300	0,6300	0,3750	157,4300	4	0,3850	311				
Certificate	NL0013181191	SP500 2768TRSOPENH	EUR	0,4200	0,4200	0,4200								
Certificate	NL0013155922	SP500 2770BS OPENB	EUR	1,0500	1,0500	1,0500								
Certificate	NL0013153240	SP500 2770TS OPENB	EUR	7,4400	7,4400	7,4400								
Certificate	NL0013180730	SP500 2778TRSOPENH	EUR	0,5100	0,5100	0,5100								
Certificate	NL0013184849	SP500 2779TS OPENH	EUR	1,3900	1,3900	1,3900								
Certificate	NL0013133994	SP500 2787TRSOPENH	EUR	0,5900	0,5900	0,5900								
Certificate	DE000CJ3QB89	SP500 2787TS OPENZ	EUR	0,6150	0,6150	0,6150								
Certificate	DE000VA9C0F8	SP500 2788TS OPENV	EUR	0,5950	0,5950	0,5950								
Certificate	NL0013153489	SP500 2790BS OPENB	EUR	1,4000	1,4000	1,4000								
Certificate	NL0013152523	SP500 2790TS OPENB	EUR	9,1400	9,1400	9,1400								
Certificate	NL0013133986	SP500 2797TRSOPENH	EUR	0,6800	0,6800	0,6800								
Certificate	DE000CJ3QA25	SP500 2800TS 0319Z	EUR	0,7250	0,7250	0,7250								
Certificate	DE000CQ5ADY0	SP500 2800TS OPENC	EUR											
Certificate	DE000CP233U5	SP500 2800TS OPENC	EUR	0,7400	0,7400	0,7400								
Certificate	DE000CP236V6	SP500 2800TS OPENC	EUR	1,0500	1,0500	1,0500								
Certificate	DE000CQ5AM71	SP500 2800TS OPENC	EUR											
Certificate	NL0013152135	SP500 2809BS OPENB	EUR	1,7500	1,7500	1,7500								
Certificate	LU1841151746	SP500 2810TPIOPENS	EUR											
Certificate	NL0013085269	SP500 2814TS OPENH	EUR	1,7100	1,7100	1,7100								
Certificate	NL0013082340	SP500 2815TRSOPENH	EUR	0,8400	0,8400	0,8400								
Certificate	DE000CJ3N4X7	SP500 2816TS OPENZ	EUR	0,9000	0,9000	0,8650	90,0000	1	0,8650	100				
Certificate	DE000VA5RNA8	SP500 2819TL OPENV	EUR											
Certificate	DE000VA8FU77	SP500 2819TS OPENV	EUR	0,8150	0,8150	0,8150								
Certificate	NL0013010804	SP500 2820TS OPENB	EUR	14,1900	14,1900	11,4800	2483,2500	1	11,4800	175				
Certificate	NL0013181183	SP500 2828TRSOPENH	EUR	0,9500	0,9500	0,9500								
Certificate	NL0013010507	SP500 2829BS OPENB	EUR	2,0900	2,0900	2,0900								
Certificate	NL0013125982	SP500 2832TRSOPENH	EUR	0,9800	0,9800	0,9800								
Certificate	NL0013081128	SP500 2840TRSOPENH	EUR	1,0500	1,0500	1,0500								
Certificate	NL0013009533	SP500 2840TS OPENB	EUR	13,2600	13,2600	13,2600								
Certificate	NL0013081540	SP500 2844TS OPENH	EUR	1,9800	1,9800	1,9800								
Certificate	DE000VA71ME9	SP500 2845TS OPENV	EUR	1,0250	1,0250	1,0250								
Certificate	DE000CJ3N7U6	SP500 2846TS OPENZ	EUR	1,1350	1,1350	1,1350								
Certificate	NL0013010515	SP500 2849BS OPENB	EUR	2,4400	2,4400	2,4400								
Certificate	LU1876844637	SP500 2850TPIOPENS	EUR	1,1900	1,1900	1,1900								
Certificate	DE000CJ3N6E2	SP500 2850TS 1218Z	EUR	1,1750	1,1750	1,1750								
Certificate	NL0013083702	SP500 2851TRSOPENH	EUR	1,1400	1,1400	1,1400								
Certificate	NL0013087661	SP500 2862TRSOPENH	EUR	1,2400	1,2400	1,2400								
Certificate	NL0013081110	SP500 2865TRSOPENH	EUR	1,2700	1,2700	1,2700								
Certificate	NL0013008568	SP500 2868BS OPENB	EUR	2,7900	2,7900	2,7900								
Certificate	DE000VA71MH2	SP500 2870TS OPENV	EUR	1,2450	1,2450	1,2450								
Certificate	DE000CJ3N4Y5	SP500 2876TS OPENZ	EUR	1,3950	1,3950	1,3950								
Certificate	NL0013009558	SP500 2880TS OPENB	EUR	19,6700	19,6900	16,8300	9835,0000	1	16,8300	500				
Certificate	NL0013084619	SP500 2881TRSOPENH	EUR	1,4100	1,4100	1,4100								
Certificate	NL0013008576	SP500 2888BS OPENB	EUR	3,1400	3,1400	3,1400								
Certificate	DE000VA71MM2	SP500 2895TS OPENV	EUR	1,4650	1,4650	1,4650								
Certificate	LU1876844710	SP500 2900TPIOPENS	EUR	1,6200	1,6200	1,6200								
Certificate	NL0013081102	SP500 2900TRSOPENH	EUR	1,5800	1,5800	1,5800								
Certificate	DE000CJ3P8D8	SP500 2900TS 0319Z	EUR	1,5650	1,5650	1,5650								
Certificate	NL0013009566	SP500 2900TS OPENB	EUR	21,8400	21,8600	18,6100	655,2000	1	18,6100	30				
Certificate	DE000CP07B29	SP500 2900TS OPENC	EUR	1,8700	1,8700	1,8700								
Certificate	DE000CJ3N7V4	SP500 2906TS OPENZ	EUR	1,6550	1,6550	1,6550								
Certificate	NL0013008584	SP500 2908BS OPENB	EUR	3,9900	4,0000	3,4900	399,0000	1	3,4900	100				
Certificate	NL0013084601	SP500 2911TRSOPENH	EUR	1,6700	1,6700	1,6700								
Certificate	DE000VA71MQ3	SP500 2920TS OPENV	EUR	1,6950	1,6950	1,6950								
Certificate	NL0013084593	SP500 2921TRSOPENH	EUR	1,7600	1,7600	1,7600								
Certificate	NL0012987564	SP500 2928BS OPENB	EUR	3,8400	3,8400	3,8400								
Certificate	NL0012552368	SP500 2933TS OPENH	EUR	2,8000	2,8000	2,8000								
Certificate	NL0013132723	SP500 2936TRSOPENH	EUR	1,8900	1,8900	1,8900								
Certificate	DE000CE6F0U9	SP500 2936TS OPENZ	EUR	1,9150	1,9150	1,9150								
Certificate	NL0012893028	SP500 2940TRSOPENH	EUR	1,9300	1,9300	1,9300								
Certificate	NL0013006497	SP500 2940TS OPENB	EUR	22,1500	22,1500	22,1500								
Certificate	NL0012893010	SP500 2950TRSOPENH	EUR	2,3400	2,3400	2,0200	2925,0000	1	2,0200	1250				
Certificate	DE000CJ3N1V7	SP500 2950TS 1218Z	EUR	2,0550	2,0550	2,0550								
Certificate	NL0012563506	SP500 2952TS OPENH	EUR	2,9700	2,9700	2,9700								
Certificate	NL0012676878	SP500 2960TS OPENB	EUR	29,1900	29,1900	29,1900								
Certificate	DE000CE6F470	SP500 2966TS OPENZ	EUR	2,1850	2,1850	2,1850								
Certificate	NL0012992234	SP500 2968BS OPENB	EUR	4,5500	4,5500	4,5500								
Certificate	NL0012245831	SP500 2972TRSOPENH	EUR	2,2100	2,2100	2,2100								
Certificate	NL0012552350	SP500 2973TS OPENH	EUR	3,1600	3,1600	3,1600								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012992242	SP500 2988BS OPENB	EUR	5,5300	5,5300	4,9000	553,0000	1	4,9000	100				
Certificate	DE000VL61HP3	SP500 2989TS OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0012893002	SP500 2990TRSOPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012525343	SP500 2993TS OPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000VA15NU0	SP500 2994TS OPENV	EUR	2,4200	2,4200	2,1550	6292,0000	1	2,1550	2600				
Certificate	DE000CE6FD31	SP500 2996TS OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	LU1876844801	SP500 3000TPIOPENS	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012893507	SP500 3000TRSOPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CJ3P8E6	SP500 3000TS 0319Z	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	NL0013003197	SP500 3000TS OPENB	EUR	27,3600	27,3600	27,3600			27,3600					
Certificate	DE000CQ58B08	SP500 3000TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CY52F59	SP500 3000TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012850697	SP500 3001TRSOPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0011420484	SP500 3006TS OPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0013001027	SP500 3008BS OPENB	EUR	5,8500	5,8500	5,2600	1755,0000	1	5,2600	300				
Certificate	LU1756869597	SP500 3008TPIOPENS	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012892996	SP500 3020TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012850689	SP500 3026TRSOPENH	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CV4YQW2	SP500 3027TS OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0012555296	SP500 3033TS OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000VA2T8N3	SP500 3038TS OPENV	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	LU1876844983	SP500 3040TPIOPENS	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0013148752	SP500 3050BOC1219B	EUR	24,2900	24,3000	24,2900			24,3000					
Certificate	DE000CV8ACG6	SP500 3050TS 1218Z	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0012850671	SP500 3051TRSOPENH	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012563498	SP500 3052TS OPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CV4YQV4	SP500 3057TS OPENZ	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0013132384	SP500 3076TRSOPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012850663	SP500 3076TRSOPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000VA4YR16	SP500 3083TS OPENV	EUR	3,2800	3,2800	3,0150	164,0000	1	3,0150	50				
Certificate	DE000CV4YX55	SP500 3087TS OPENZ	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0012894042	SP500 3088TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	LU1876845014	SP500 3100TPIOPENS	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	LU1817097584	SP500 3100TPIOPENS	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CV525A4	SP500 3100TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012894588	SP500 3108TS OPENH	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CV4Z3J8	SP500 3118TS OPENZ	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0012517874	SP500 3125TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012894034	SP500 3128TS OPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA4Y1W0	SP500 3131TS OPENV	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0012897714	SP500 3149TS OPENH	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CV4Z4M0	SP500 3149TS OPENZ	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	LU1876845105	SP500 3150TPIOPENS	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CV8ACH4	SP500 3150TS 1218Z	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	NL0012850655	SP500 3151TRSOPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000VASRM84	SP500 3152TS OPENV	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	NL0012676886	SP500 3160TS OPENB	EUR	47,3500	47,3500	47,3500			47,3500					
Certificate	NL0012517668	SP500 3165TS OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0013003924	SP500 3170TS OPENB	EUR	42,3200	42,3200	42,3200			42,3200					
Certificate	NL0012850648	SP500 3175TRSOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CV4Z9U2	SP500 3178TS OPENZ	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	NL0012850630	SP500 3200TRSOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CJ3P8F3	SP500 3200TS 0319Z	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000CY51888	SP500 3200TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CP063K7	SP500 3200TS OPENC	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CP061T2	SP500 3200TS OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CY52392	SP500 3200TS OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VAGD4D7	SP500 3200TS OPENV	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000CV4ZCB3	SP500 3209TS OPENZ	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	NL0012850622	SP500 3225TRSOPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CV4ZJ1	SP500 3240TS OPENZ	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0012546337	SP500 3267TRSOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CV4ZL17	SP500 3271TS OPENZ	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0012538011	SP500 3291TS OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012850614	SP500 3300TRSOPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CV4ZPH2	SP500 3302TS OPENZ	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	LU1840349218	SP500 3314TPIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012850606	SP500 3325TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000CV4ZPJ8	SP500 3332TS OPENZ	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012850598	SP500 3349TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CV8ACJ0	SP500 3350TS 1218Z	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CV8BAY1	SP500 3362TS OPENZ	EUR	5,6700	5,6700	5,6700			5,6700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012550636	SP500 3391TRSOPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CV8BAZ8	SP500 3392TS OPENZ	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CJ3P9V8	SP500 3400TS 0319Z	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CY52F67	SP500 3400TS OPENC	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CQ5BJP3	SP500 3400TS OPENC	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012676894	SP500 3410TS OPENB	EUR	70,0500	70,0500	70,0500			70,0500					
Certificate	DE000CV8BB05	SP500 3422TS OPENZ	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012550115	SP500 3424TS OPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0013085863	SP500 3441TRSOPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012850580	SP500 3449TRSOPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012866065	SP500 3481TRSOPENH	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0012557284	SP500 3517TRSOPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CV87XP4	SP500 3544TS OPENZ	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0012559470	SP500 3549TS OPENH	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000CV8AEU3	SP500 3550TS 1218Z	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0012552335	SP500 3552TS OPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CJ3P8G1	SP500 3600TS 0319Z	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CY52SB2	SP500 3600TS OPENC	EUR	7,4500	7,4500	7,0800	372,5000	1	7,0800	50				
Certificate	NL0012561567	SP500 3638TRSOPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0012850572	SP500 3697TRSOPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012894570	SP500 3708TS OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012850564	SP500 3747TRSOPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CJ3NU16	SP500 3750TS 1218Z	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000CJ3NQ79	SP500 3785TS OPENZ	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	NL0012850556	SP500 3797TRSOPENH	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012850549	SP500 3846TRSOPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0012850531	SP500 3896TRSOPENH	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	NL0012850523	SP500 3946TRSOPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	NL0012910236	SP500 4005TRSOPENH	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	NL0012910228	SP500 4054TRSOPENH	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0010108254	SPBNK122.1TL OPENB	EUR	18,5700	18,5700	18,5700			18,5700					
Certificate	NL0010225637	SPHOM 390TL OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CP232N2	SPOTF 100TL OPENC	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CQ5AGK2	SPOTF 110TL OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CQ5AGF2	SPOTF 110TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013009764	SPOTF 113TL OPENB	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CJ3N4K4	SPOTF 115TL 1218Z	EUR	2,2550	2,2550	2,0650			2,0650					
Certificate	DE000CQ5AGG0	SPOTF 120TL OPENC	EUR											
Certificate	DE000CQ5AGL0	SPOTF 120TL OPENC	EUR											
Certificate	DE000CQ58ZE3	SPOTF 130TL OPENC	EUR											
Certificate	DE000CP232P7	SPOTF 140TS OPENC	EUR											
Certificate	DE000CQ5B0Q6	SPOTF 150TL OPENC	EUR											
Certificate	DE000CQ5BZF0	SPOTF 150TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CQ5BZG8	SPOTF 160TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000CP06X97	SPOTF 170TS OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CP07AB2	SPOTF 170TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CP07AC0	SPOTF 180TS OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CP06XA8	SPOTF 180TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CP06XB6	SPOTF 190TS OPENC	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CP07AD8	SPOTF 190TS OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0013152598	SPOTF102.3TL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CV89AY0	SPOTF103.8TL OPENZ	EUR	3,1850	3,1850	2,9850			2,9850					
Certificate	DE000CJ3P8H9	SPOTF104.5TL 0319Z	EUR	3,2350	3,2350	3,0350			3,0350					
Certificate	NL0013151525	SPOTF104.7BL OPENB	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013018724	SPOTF107.5TL OPENB	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CJ3QF7	SPOTF111.5TL 0319Z	EUR	2,6150	2,6150	2,4250			2,4250					
Certificate	DE000CJ3PTC4	SPOTF114.1TL OPENZ	EUR	2,2750	2,2750	2,0850			2,0850					
Certificate	NL0013146566	SPOTF114.7BL OPENB	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0012780340	SPOTF118.9TL OPENB	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CJ3P448	SPOTF119.5TL 0319Z	EUR	1,9150	1,9150	1,7150			1,7150					
Certificate	DE000CJ3QH7	SPOTF124.1TL OPENZ	EUR	1,4050	1,4050	1,2250			1,2250					
Certificate	NL0013156011	SPOTF124.7BL OPENB	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013156532	SPOTF124.9TL OPENB	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CJ3QLE5	SPOTF127.5TL 0319Z	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013158298	SPOTF131.2TL OPENB	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013152796	SPOTF141.3TS OPENB	EUR											
Certificate	NL0013151673	SPOTF142.2BS OPENB	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0013148703	SPOTF151.9TS OPENB	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013013915	SPOTF162.2BS OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013013741	SPOTF163.3TS OPENB	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0013004823	SPOTF182.1BS OPENB	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012979025	SPOTF202.1BS OPENB	EUR	5,9200	5,9200	5,9200			5,9200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012971972	SPOTF203.1TS OPENB	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0012979769	SPOTF222.1BS OPENB	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CJ3QFL2	SPOTF78.68TL OPENZ	EUR	5,3900	5,3900	5,1800			5,1800					
Certificate	DE000VN61ZF2	SPX LEVOPENV	EUR	3,5950	4,1500	3,5900	180,0000	1	4,1500	50				
Certificate	DE000VN61ZD7	SPX LEVOPENV	EUR	15,1800	15,1800	15,1800			15,1800					
Certificate	DE000VN61ZE5	SPX LEVOPENV	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	DE000VN61ZG0	SPX SHROPENV	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000VN61ZH8	SPX SHROPENV	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000VA1ZHU0	SPX SHROPENV	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000VN61ZJ4	SPX SHROPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000CY5Z263	SQ 50TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CP233C3	SQ 55TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06Y39	SQ 60TL OPENC	EUR											
Certificate	DE000CP233D1	SQ 65TS OPENC	EUR											
Certificate	DE000CP233E9	SQ 70TS OPENC	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	DE000CP233F6	SQ 80TS OPENC	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CP06Y70	SQ 85TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CP06Y88	SQ 90TS OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CJ3QEF7	SQ 41.3TL OPENZ	EUR	2,2150	2,3850	2,2150			2,3850					
Certificate	DE000CJ3PGT5	SQ 50.34TL OPENZ	EUR	1,4250	1,5950	1,4250			1,5950					
Certificate	DE000CR6YAY3	SRENH65.53TL OPENZ	EUR	2,3700	2,3700	2,3400			2,3400					
Certificate	DE000CR6YAZ0	SRENH72.38TL OPENZ	EUR	1,7600	1,7600	1,7400			1,7400					
Certificate	DE000CE6C295	SRENH80.05TL OPENZ	EUR	1,0700	1,0700	1,0500			1,0500					
Certificate	DE000CV50335	SRGMI 2.78TL OPENZ	EUR	1,2200	1,2200	1,1850			1,1850					
Certificate	DE000CV4Z001	SRGMI 3.26TL OPENZ	EUR	0,7700	0,7700	0,7250			0,7250					
Certificate	DE000CV8BDV1	SSE 7.7TL OPENZ	EUR	0,4150	0,4150	0,4050			0,4050					
Certificate	DE000CN6HTF1	SSE 9.711TL OPENZ	EUR	0,1850	0,1850	0,1750			0,1750					
Certificate	DE000CJ3N6U8	SSYS 15.11TL OPENZ	EUR	1,3300	1,3600	1,3300			1,3600					
Certificate	DE000CV8ATG0	SSYS 17.59TL OPENZ	EUR	0,9200	0,9600	0,9200			0,9600					
Certificate	DE000CJ3PWL9	SSYS 20.59TL OPENZ	EUR	0,4200	0,4600	0,4200			0,4600					
Certificate	NL0009746890	STARB 13.5TL OPENB	EUR	95,4300	95,4300	95,4300			95,4300					
Certificate	NL0010906616	STARB 39.4TL OPENB	EUR	52,9500	52,9500	52,9500			52,9500					
Certificate	NL0012777288	STARB 58.9TS OPENB	EUR											
Certificate	NL0013149271	STARB 72.9TS OPENB	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0013152804	STARB 78.3TS OPENB	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	DE000CC60DD9	STARB40.26TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	FR0013123767	STD1 SHROPENS	EUR											
Certificate	NL0010131413	STGOB 20.4TL OPENB	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CJ3PFX9	STGOB21.36TL OPENZ	EUR	1,2150	1,2150	1,1950			1,1950					
Certificate	DE000CV89K37	STGOB26.39TL OPENZ	EUR	0,7050	0,7050	0,6950			0,6950					
Certificate	DE000CD64F01	STMIC10.64TL OPENZ	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CJ3PLM0	STMIC8.627TL OPENZ	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	XS1093252101	STN BASK0523	EUR											
Certificate	NL0013085277	STOXB 102.TS OPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0012914196	STOXB 122.TRSOPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012914568	STOXB 127.TS OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0013085590	STOXB101.9TRSOPENH	EUR	0,0400	0,0400	0,0400			0,0400					
Certificate	NL0013085871	STOXB104.4TRSOPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0012906820	STOXB106.5TRSOPENH	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0012906903	STOXB106.6TS OPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0012905459	STOXB111.4TRSOPENH	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	NL0012937148	STOXB113.3TRSOPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0012936504	STOXB113.4TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012935092	STOXB115.7TRSOPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012901060	STOXB116.3TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012914212	STOXB117.1TRSOPENH	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	NL0012914592	STOXB117.2TS OPENH	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0012914204	STOXB119.5TRSOPENH	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0012914584	STOXB119.6TS OPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012914576	STOXB122.1TS OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012934103	STOXB125.4TS OPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012914188	STOXB126.9TRSOPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012914170	STOXB131.8TRSOPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012914162	STOXB136.7TRSOPENH	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012914550	STOXB136.9TS OPENH	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0012914154	STOXB141.7TRSOPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012914147	STOXB146.6TRSOPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012914543	STOXB146.7TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012914295	STOXB90.16TRLOPENH	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0013126345	STOXB92.47TL OPENH	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0013183320	STOXB97.45TRSOPENH	EUR											
Certificate	XS1237141483	STOXB STN0820K	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6F3T6	STOXX 263.1TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CN6JFU5	STOXX211.3TL OPENZ	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CN6HPPG7	STOXX227.8TL OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CN6HPPF9	STOXX245.4TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CN6F792	STOXX283.9TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CD61T73	STOXX300.3TL OPENZ	EUR	0,6200	0,6300	0,6200			0,6300					
Certificate	DE000CD63N51	STOXX317.7TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CD644F8	STOXX335.9TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CJ3N5W6	STOXX378.4TS OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CD647U0	STOXX399.4TS OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CE6C2R4	STOXX426.9TS OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CE6DJ07	STOXX456.3TS OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CV4ZB68	STOXX485.8TS OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0009996479	SUEZE 3.96TL OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0012263396	SUEZE16.64TS OPENB	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	NL0012275721	SUEZE17.63TS OPENB	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	NL0013183858	SUGAR 11.1TL OPENH	EUR											
Certificate	NL0013183841	SUGAR 12.6TL OPENH	EUR											
Certificate	NL0013183833	SUGAR 14.6TS OPENH	EUR											
Certificate	DE000CJ3NXQ1	SUGAR0.086TL OPENZ	EUR	3,6500	3,8650	3,6500	3650,0000	1	3,8650	1000				
Certificate	DE000CV89YK9	SUGAR0.096TL OPENZ	EUR	3,0400	3,0400	3,0250	1003,2000	1	3,0250	330				
Certificate	NL0012614176	SUGAR0.104TL OPENH	EUR	2,6200	2,8500	2,6200	1984,5000	2	2,8500	750				
Certificate	DE000CJ3NXR9	SUGAR0.106TL OPENZ	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000CJ3NOM8	SUGAR0.116TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CJ3QKR9	SUGAR0.134TS OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000CJ3NXT5	SUGAR0.144TS OPENZ	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0012614051	SUGAR0.149TS OPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CV87ZA1	SUGAR0.154TS OPENZ	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0012614044	SUGAR0.159TS OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CJ3NOM6	SUGAR0.163TS OPENZ	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000CE6DRY6	SUGAR0.173TS OPENZ	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	NL0012614036	SUGAR0.208TS OPENH	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	NL0011931399	SUGAR0.251TS OPENH	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	NL0011931381	SUGAR0.253TS OPENH	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	NL0010382701	SVT 1280TL OPENB	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CJ3QF53	SWATC197.4TL OPENZ	EUR	9,5300	9,5900	9,5300			9,5900					
Certificate	DE000CD61PJ6	SWATC227.6TL OPENZ	EUR	6,8750	6,9350	6,8750			6,9350					
Certificate	DE000CN6H608	SWATC258.4TL OPENZ	EUR	4,1550	4,2250	4,1550			4,2250					
Certificate	DE000CD63922	SWATC290.2TL OPENZ	EUR											
Certificate	CH0025955326	SK4E PI OPENU	EUR											
Certificate	DE000VN61ZL0	SK5E LEVOPENV	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000VN61ZK2	SK5E LEVOPENV	EUR	5,4650	5,4650	5,4650			5,4650					
Certificate	DE000VN61ZM8	SK5E LEVOPENV	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000VN61ZN6	SK5E SHROPEV	EUR	3,0900	3,0900	2,9500	123,6000	1	2,9500	40				
Certificate	DE000VN61ZP1	SK5E SHROPEV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VN61ZQ9	SK5E SHROPEV	EUR	0,1100	0,1150	0,1100	47,8500	1	0,1150	435				
Certificate	DE000VA54521	SK5E SHROPEV	EUR	11,3350	11,3350	11,3350			11,3350					
Certificate	FR0013123684	SK5S7 SHROPENS	EUR											
Certificate	CH0025957652	SK8E PI OPENU	EUR											
Certificate	CH0025957611	SKKE PI OPENU	EUR											
Certificate	CH0025957579	SKQE PI OPENU	EUR											
Certificate	DE0006075377	SKRE PI OPENB	EUR	29,4000	29,4000	29,4000			29,4000					
Certificate	CH0025957678	SKRE PI OPENU	EUR											
Certificate	CH0025955383	SKTE PI OPENU	EUR											
Certificate	DE000CV4ZRK2	SY1G 51.96TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CV4YXU2	SY1G 58.95TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CJ3PQ36	SY1G 66.93TL OPENZ	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000CJ3N2B7	TATA 10.14TL OPENZ	EUR	0,4650	0,4650	0,4050			0,4050					
Certificate	DE000CV8AWQ3	TATA 11.16TL OPENZ	EUR	0,2850	0,2850	0,2350			0,2350					
Certificate	DE000CJ3QHR5	TATA 12.16TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CJ3N500	TATA 7.628TL OPENZ	EUR	0,9050	0,9050	0,8550			0,8550					
Certificate	DE000CJ3PE14	TATA 9.132TL OPENZ	EUR	0,6450	0,6450	0,5850			0,5850					
Certificate	NL0006217150	TBOND100.2TL OPENB	EUR	37,5500	37,5500	37,5500			37,5500					
Certificate	NL0010658696	TBOND134.6TL OPENB	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0010148979	TBOND152.5TS OPENA	EUR											
Certificate	DE000CR9PUA3	TECDX 1550TL OPENZ	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	DE000CR9PRJ0	TECDX 1655TL OPENZ	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CD629M5	TECDX 1757TL OPENZ	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000CD645Y6	TECDX 1858TL OPENZ	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CE6BLT3	TECDX 1958TL OPENZ	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000CE6C2F9	TECDX 2058TL OPENZ	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CE6CMA9	TECDX 2157TL OPENZ	EUR	4,3500	4,3500	4,3500			4,3500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6D8D0	TECDX 2257TL OPENZ	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CE6ERB2	TECDX 2356TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CJ3QES0	TECDX 2678TS OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CJ3N005	TECDX 2877TS OPENZ	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CV4Z9P2	TECDX 3077TS OPENZ	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CV4ZN15	TECDX 3203TS OPENZ	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CV8B4M4	TECDX 3403TS OPENZ	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CV890H1	TECDX 3601TS OPENZ	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	NL0013110703	TELEN 48BOC0919Z	EUR	43,2500	43,5800	43,2500			43,5800					
Certificate	DE000CJ3NXB3	TELEN 40.2TL OPENZ	EUR	0,2850	0,3500	0,2700	1402,5000	2		4750				
Certificate	NL0012796643	TELEN 47.5BOC0919Z	EUR	41,7200	42,1400	41,7200			42,1400					
Certificate	NL0012796650	TELEN 47.5BOC1219Z	EUR	41,6500	42,0100	41,6500			42,0100					
Certificate	DE000CV89K45	TELEN19.84TL OPENZ	EUR	2,3050	2,3800	2,3050			2,3800					
Certificate	DE000CV89937	TELEN24.89TL OPENZ	EUR	1,8050	1,8800	1,8050			1,8800					
Certificate	DE000CV89K52	TELEN27.93TL OPENZ	EUR	1,5050	1,5700	1,5050			1,5700					
Certificate	DE000CV89135	TELEN29.94TL OPENZ	EUR	1,2950	1,3700	1,2950			1,3700					
Certificate	DE000CV89K60	TELEN32.95TL OPENZ	EUR	0,9950	1,0700	0,9950			1,0700					
Certificate	NL0012995468	TELEN35.75BL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CV8AJ99	TELEN36.92TL OPENZ	EUR	0,6050	0,6700	0,6050			0,6700					
Certificate	NL0012992887	TELEN37.75BL OPENB	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0012992895	TELEN39.77BL OPENB	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL0013154024	TELEN43.76BS OPENB	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	NL0013018500	TELEN47.74BS OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0012997688	TELEN51.74BS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CV88K53	TELEN51.81TS OPENZ	EUR	0,9150	0,9150	0,8400			0,8400					
Certificate	NL0013012081	TELEN55.72BS OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CE6BY14	TELEN56.79TS OPENZ	EUR	1,4050	1,4050	1,3400			1,3400					
Certificate	NL0012976922	TELFO 4.6TL OPENB	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	NL0012497721	TELFO 5.6TL OPENB	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	NL0011535992	TELFO 6.5TL OPENB	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012791974	TELFO 8.1TS OPENB	EUR	0,9550	1,0050	0,9550			1,0050					
Certificate	NL0011522313	TELFO 10.1TS OPENB	EUR											
Certificate	DE000CV507T6	TELFO 5.63TL OPENZ	EUR	2,1750	2,2500	2,1750			2,2500					
Certificate	DE000CV89C29	TELFO4.617TL OPENZ	EUR	3,1950	3,2600	3,1950			3,2600					
Certificate	DE000CV4ZUT7	TELFO6.134TL OPENZ	EUR	1,6750	1,7400	1,6750			1,7400					
Certificate	DE000CV89P81	TELFO7.853TS OPENZ	EUR											
Certificate	DE000CE6FJH3	TELFO8.852TS OPENZ	EUR	1,0850	1,0850	1,0200			1,0200					
Certificate	DE000CE6DTB0	TELFO9.947TS OPENZ	EUR	2,1750	2,1750	2,1200			2,1200					
Certificate	DE000CN6HGM4	TESB 21.3TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CN6HEB2	TESB 23.02TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CN6EQJ6	TESB 24.78TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CN6IUZ3	TESB 26.31TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CN6IW84	TESB 27.88TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CJ3PUN9	TESB 29.79TL OPENZ	EUR	0,2000	0,2000	0,2000	150,0000	3	0,2000	750				
Certificate	DE000CV87ZK0	TESB 36.36TS OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CE6FJ84	TESB 41.09TS OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CV87UJ3	TESCO1.449TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CV4YY47	TESCO1.651TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CV4YZD3	TESCO1.903TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	NL0011651310	TESLA 171TL OPENB	EUR	16,8100	16,8100	16,8100			16,8100					
Certificate	DE000CX593M9	TESLA 175TL OPENC	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	DE000CJ3N1X3	TESLA 200TL 1218Z	EUR	6,5100	6,5700	6,5100			6,5700					
Certificate	DE000CP07B84	TESLA 200TL OPENC	EUR	13,9000	13,9000	13,9000			13,9000					
Certificate	DE000CP067E1	TESLA 200TL OPENC	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	DE000CJ3N6N3	TESLA 215TL 1218Z	EUR	5,8500	5,9100	5,8500			5,9100					
Certificate	DE000CQ58AF3	TESLA 220TL OPENC	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	DE000CQ5B1D2	TESLA 220TL OPENC	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CV8AD38	TESLA 230TL 1218Z	EUR	5,2000	5,2500	5,2000			5,2500					
Certificate	DE000CV8B1E7	TESLA 240TL 0319Z	EUR	4,7500	4,8100	4,7500			4,8100					
Certificate	DE000CP07B92	TESLA 240TL OPENC	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	DE000CQ5AJ43	TESLA 240TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CP06UT4	TESLA 240TL OPENC	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CQ5ALD7	TESLA 240TL OPENC	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	DE000CJ3N2G6	TESLA 245TL 1218Z	EUR	4,5400	4,6000	4,5400			4,6000					
Certificate	DE000CY52YT2	TESLA 260TL OPENC	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000CQ5ATR0	TESLA 275TL OPENC	EUR											
Certificate	DE000CQ5AXA8	TESLA 275TL OPENC	EUR											
Certificate	DE000CJ3P5V6	TESLA 280TL 0319Z	EUR	3,0000	3,0600	3,0000			3,0600					
Certificate	DE000CY52YU0	TESLA 280TL OPENC	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CP23649	TESLA 280TL OPENC	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000CJ3P5W4	TESLA 300TL 0319Z	EUR	2,1300	2,2000	2,1300			2,2000					
Certificate	DE000CP23656	TESLA 300TL OPENC	EUR	5,7200	5,7200	5,7200			5,7200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY52YV8	TESLA 300TL OPENC	EUR	4,1800	4,2200	3,8000	3243,0000	6	4,1100	800				
Certificate	DE000CJ3P5X2	TESLA 320TL 0319Z	EUR	1,2800	1,3500	1,2800			1,3500					
Certificate	DE000CY52YW6	TESLA 320TL OPENC	EUR	2,1200	2,3600	2,1200	3535,8000	2	2,3600	1590				
Certificate	DE000CP23664	TESLA 320TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CQ58LJ2	TESLA 325TL OPENC	EUR											
Certificate	DE000CQ58JA5	TESLA 340TL OPENC	EUR											
Certificate	DE000CP23375	TESLA 340TL OPENC	EUR											
Certificate	DE000CP23672	TESLA 340TL OPENC	EUR											
Certificate	DE000CQ58LK0	TESLA 360TS OPENC	EUR											
Certificate	DE000CP23680	TESLA 360TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CY51L60	TESLA 380TS OPENC	EUR											
Certificate	DE000CQ58W11	TESLA 380TS OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CY501D0	TESLA 400TS OPENC	EUR											
Certificate	DE000CY503R6	TESLA 400TS OPENC	EUR											
Certificate	DE000CP23698	TESLA 400TS OPENC	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CQ58JB3	TESLA 420TS OPENC	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000CY507G0	TESLA 420TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CY508Q7	TESLA 430TS OPENC	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CY507H8	TESLA 430TS OPENC	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000CY507J4	TESLA 440TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CV8B7H7	TESLA 186.TL OPENZ	EUR	7,0700	7,1200	7,0700			7,1200					
Certificate	DE000VA6D641	TESLA 217.TL OPENV	EUR	11,4050	11,4050	11,4050			11,4050					
Certificate	DE000VA90S56	TESLA 334.TL OPENV	EUR											
Certificate	DE000VA90SU2	TESLA 339.TL OPENV	EUR											
Certificate	DE000CE6DLA9	TESLA 422.TS OPENZ	EUR	6,9300	6,9300	6,7400	6810,0000	1	6,7400	1000				
Certificate	NL0010381844	TESLA 81.3TL OPENB	EUR	24,0000	24,0000	24,0000			24,0000					
Certificate	NL0010445813	TESLA115.6TL OPENB	EUR	21,2500	21,2500	21,2500			21,2500					
Certificate	NL0011643895	TESLA137.2BL OPENB	EUR	18,8400	18,8400	18,8400			18,8400					
Certificate	NL0011642517	TESLA148.5BL OPENB	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0010524385	TESLA150.4TL OPENB	EUR	18,4600	18,4600	18,4600			18,4600					
Certificate	DE000CJ3N062	TESLA160.9TL OPENZ	EUR	8,1400	8,1800	8,1400			8,1800					
Certificate	NL0011652805	TESLA181.9TL OPENB	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	NL0011650866	TESLA182.2BL OPENB	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	NL0012034946	TESLA192.5TL OPENB	EUR	15,0900	15,0900	15,0900			15,0900					
Certificate	DE000VA7TEC5	TESLA197.8TL OPENV	EUR	13,3050	13,3050	13,3050			13,3050					
Certificate	DE000VA7TED3	TESLA200.3TL OPENV	EUR	13,0850	13,0850	13,0850			13,0850					
Certificate	DE000VA7TCP1	TESLA202.8TL OPENV	EUR	12,7850	12,7850	12,7850			12,7850					
Certificate	NL0012100507	TESLA203.2TL OPENB	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	DE000VA7TCQ9	TESLA205.3TL OPENV	EUR	12,5650	12,5650	12,5650			12,5650					
Certificate	DE000CV8B7J3	TESLA206.2TL OPENZ	EUR	6,1800	6,2300	6,1800	3090,0000	1	6,2300	500				
Certificate	DE000VA7TCS5	TESLA207.8TL OPENV	EUR	12,3450	12,3450	12,3450			12,3450					
Certificate	DE000VA64ZT4	TESLA210.1TL OPENV	EUR	12,1150	12,1150	12,1150			12,1150					
Certificate	DE000VA64ZU2	TESLA212.6TL OPENV	EUR	11,8850	11,8850	11,8850			11,8850					
Certificate	DE000VA7TA43	TESLA213.3TL OPENV	EUR	12,6150	12,6150	12,6150			12,6150					
Certificate	DE000VA64ZV0	TESLA215.1TL OPENV	EUR	11,6650	11,6650	11,6650			11,6650					
Certificate	DE000CJ3N5P0	TESLA216.4TL OPENZ	EUR	5,7300	5,7900	5,7300			5,7900					
Certificate	DE000VA6EFS2	TESLA222.4TL OPENV	EUR	11,0850	11,0850	11,0850			11,0850					
Certificate	DE000VA4YXR0	TESLA225.8TL OPENV	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	DE000CV89XC8	TESLA226.3TL OPENZ	EUR	5,3000	5,3500	5,3000	159,3000	1	5,3500	30				
Certificate	DE000VA6DG25	TESLA226.7TL OPENV	EUR	11,3550	11,3550	11,3550			11,3550					
Certificate	DE000VA6EFV6	TESLA229.9TL OPENV	EUR	10,4150	10,4150	10,4150			10,4150					
Certificate	DE000VA4YUF1	TESLA230.8TL OPENV	EUR	9,9950	9,9950	9,9950			9,9950					
Certificate	DE000VA4YX18	TESLA235.1TL OPENV	EUR	10,4950	10,4950	10,4950			10,4950					
Certificate	DE000VA4YUG9	TESLA235.8TL OPENV	EUR	9,6000	9,6050	9,5450	614,4000	1	9,5450	64				
Certificate	DE000CV8B8CA7	TESLA236.6TL OPENZ	EUR	4,8400	4,9000	4,8400			4,9000					
Certificate	DE000VA4YXQ2	TESLA240.1TL OPENV	EUR	10,2650	10,2650	10,2650			10,2650					
Certificate	DE000VA6EFZ7	TESLA242.4TL OPENV	EUR	9,3050	9,3050	9,3050			9,3050					
Certificate	DE000VA3Z658	TESLA245.3TL OPENV	EUR	8,8750	8,8750	8,8750			8,8750					
Certificate	DE000CV89XB0	TESLA246.5TL OPENZ	EUR	4,4100	4,4700	4,4100			4,4700					
Certificate	DE000VA71PV6	TESLA250.4TL OPENV	EUR	8,6650	8,6650	8,6650			8,6650					
Certificate	DE000VA7THQ8	TESLA251.7TL OPENV	EUR	9,4550	9,4550	9,4550			9,4550					
Certificate	DE000VA8FWX0	TESLA253.1TL OPENV	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	DE000VA8FYV0	TESLA255.6TL OPENV	EUR	8,1650	8,1650	8,1650			8,1650					
Certificate	DE000CJ3PGV1	TESLA256.6TL OPENZ	EUR	3,9600	4,0300	3,9600	2447,7000	1	4,0300	615				
Certificate	DE000VA8FYW8	TESLA258.1TL OPENV	EUR	7,9350	7,9350	7,9350			7,9350					
Certificate	DE000VA8FYX6	TESLA260.6TL OPENV	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	DE000VA8FXZ3	TESLA261.7TL OPENV	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	DE000VA8FYY4	TESLA263.1TL OPENV	EUR	7,4950	7,4950	7,4950			7,4950					
Certificate	DE000VA8FYZ1	TESLA265.6TL OPENV	EUR	7,2750	7,2750	7,2750			7,2750					
Certificate	DE000VA8FY08	TESLA268.1TL OPENV	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	DE000VA8FY16	TESLA270.6TL OPENV	EUR	6,8250	6,8250	6,8250			6,8250					
Certificate	DE000CJ3PKW1	TESLA271.6TL OPENZ	EUR	3,3100	3,3700	3,3100			3,3700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8FX17	TESLA271.7TL OPENV	EUR	7,7250	7,7250	7,7250			7,7250					
Certificate	DE000VA8FY24	TESLA273.1TL OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	DE000VA8FY32	TESLA275.6TL OPENV	EUR	6,3850	6,3850	6,3850			6,3850					
Certificate	DE000VA8FY40	TESLA278.1TL OPENV	EUR	6,1650	6,1650	6,1650			6,1650					
Certificate	DE000VA8FY57	TESLA280.6TL OPENV	EUR	5,9450	5,9450	5,9450			5,9450					
Certificate	DE000VA8FX25	TESLA281.7TL OPENV	EUR	6,8850	6,8850	6,8850			6,8850					
Certificate	DE000VA8FY65	TESLA283.1TL OPENV	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	NL0012778336	TESLA283.4TS OPENB	EUR											
Certificate	DE000VA8FY81	TESLA285.6TL OPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000CI3PKX9	TESLA286.7TL OPENZ	EUR	2,6600	2,7200	2,6600			2,7200					
Certificate	DE000VA8FY99	TESLA288.1TL OPENV	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	DE000VA8FZA1	TESLA290.6TL OPENV	EUR	5,1700	5,1700	5,0550	155,1000	1	5,0550	30				
Certificate	DE000VA8FX41	TESLA291.7TL OPENV	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000VA8F2H8	TESLA293.1TL OPENV	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000VA8F2K2	TESLA295.6TL OPENV	EUR	4,6850	4,6850	4,6850			4,6850					
Certificate	DE000VA8F2M8	TESLA298.1TL OPENV	EUR	4,4650	4,4650	4,4650			4,4650					
Certificate	DE000VA8F2N6	TESLA300.6TL OPENV	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000CI3PML0	TESLA301.6TL OPENZ	EUR	2,0100	2,0700	2,0100			2,0700					
Certificate	DE000VA8F0L4	TESLA301.7TL OPENV	EUR	5,2650	5,2650	5,2650			5,2650					
Certificate	DE000VA8F2P1	TESLA303.1TL OPENV	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	DE000VA8F2Q9	TESLA305.6TL OPENV	EUR	3,8000	3,8150	3,8000	30400,0000	1	3,8050	8000				
Certificate	DE000VA3TDM5	TESLA309.7TL OPENV	EUR											
Certificate	DE000VA87J75	TESLA310.8TL OPENV	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000VA8F568	TESLA311.7TL OPENV	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000VA87J91	TESLA313.3TL OPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000VA3TDN3	TESLA314.7TL OPENV	EUR											
Certificate	DE000VA87KB5	TESLA315.8TL OPENV	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	DE000CI3PRF1	TESLA316.6TL OPENZ	EUR	1,3700	1,4300	1,3700			1,4300					
Certificate	DE000VA87KD1	TESLA318.3TL OPENV	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000VA3TDP8	TESLA319.7TL OPENV	EUR											
Certificate	DE000VA87KG4	TESLA320.8TL OPENV	EUR	2,4800	2,4950	2,4750	12400,0000	1	2,4750	5000				
Certificate	DE000VA8F576	TESLA321.7TL OPENV	EUR	3,5350	3,5350	3,5350			3,5350					
Certificate	DE000VA87KH2	TESLA323.3TL OPENV	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VA3TDO6	TESLA324.7TL OPENV	EUR											
Certificate	DE000VA87KM2	TESLA325.8TL OPENV	EUR											
Certificate	DE000VA87KP5	TESLA328.3TL OPENV	EUR											
Certificate	DE000VA90XN7	TESLA329.1TL OPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000VA3TKG2	TESLA329.7TL OPENV	EUR											
Certificate	DE000VA9COW3	TESLA331.2TL OPENV	EUR											
Certificate	DE000CI3QBP2	TESLA331.4TL OPENZ	EUR											
Certificate	DE000VA90XP2	TESLA331.6TL OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000VA9CZ33	TESLA331.8TL OPENV	EUR											
Certificate	DE000VA90XK3	TESLA331.8TL OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000VA90XQ0	TESLA334.1TL OPENV	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000VA3TKH0	TESLA334.7TL OPENV	EUR											
Certificate	DE000VA90ST4	TESLA336.5TL OPENV	EUR											
Certificate	DE000VA90WW0	TESLA336.6TS OPENV	EUR											
Certificate	DE000VA90WY6	TESLA339.1TS OPENV	EUR											
Certificate	DE000VA3TKJ6	TESLA339.7TL OPENV	EUR											
Certificate	DE000VA90V58	TESLA339.8TS OPENV	EUR											
Certificate	DE000VA90SV0	TESLA341.5TL OPENV	EUR											
Certificate	DE000VA90WZ3	TESLA341.6TS OPENV	EUR											
Certificate	DE000VA90SA4	TESLA341.8TL OPENV	EUR											
Certificate	NL0013157555	TESLA343.4TS OPENB	EUR											
Certificate	DE000VA90VM3	TESLA344.1TS OPENV	EUR											
Certificate	DE000VA90U59	TESLA346.6TS OPENV	EUR											
Certificate	DE000VA90U67	TESLA349.1TS OPENV	EUR	1,1500	1,1500	0,5650	151,8000	1	0,5650	132				
Certificate	DE000VA90UW4	TESLA349.8TS OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000VA90U75	TESLA351.6TS OPENV	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000VA3TJ97	TESLA353.5TS OPENV	EUR											
Certificate	DE000VA3TKC1	TESLA353.7TS OPENV	EUR											
Certificate	DE000VA90U83	TESLA354.1TS OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000VA90SQ0	TESLA356.6TS OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA3TKD9	TESLA358.7TS OPENV	EUR											
Certificate	DE000VA90SR8	TESLA359.1TS OPENV	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VA9C4V7	TESLA359.8TS OPENV	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000VA9C555	TESLA361.6TS OPENV	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CI3QHS3	TESLA362.5TS OPENZ	EUR	0,9200	0,9200	0,8100	3078,0000	1	0,8400	3800				
Certificate	NL0013156920	TESLA363.4TS OPENB	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	DE000VA3TKE7	TESLA363.7TS OPENV	EUR											
Certificate	DE000VA9C563	TESLA364.1TS OPENV	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000VA9C6A6	TESLA366.6TS OPENV	EUR	2,1050	2,1050	2,1050			2,1050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRC05	TESLA372.1TS OPENV	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VASEM89	TESLA372.4TS OPENV	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	NL0012988547	TESLA372.685 OPENB	EUR	3,0000	3,1000	2,7200	13549,8400	10	2,7350	4501				
Certificate	DE000VASEM55	TESLA377.1TS OPENV	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VASEM97	TESLA377.4TS OPENV	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	DE000VASEM63	TESLA382.1TS OPENV	EUR	3,3100	3,3100	3,1250	498,9800	2	3,1250	158				
Certificate	DE000VASENA6	TESLA382.4TS OPENV	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0012988760	TESLA383.4TS OPENB	EUR	7,0050	7,0050	7,0050			7,0050					
Certificate	DE000VASEM71	TESLA387.1TS OPENV	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	DE000VA3PXN9	TESLA388.7TS OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL0012272744	TESLA392.585 OPENB	EUR	4,8300	4,8300	4,4850	796,9500	1	4,4850	165				
Certificate	DE000CE6DL90	TESLA392.6TS OPENZ	EUR	4,3350	4,4300	4,1550	221,5000	1	4,1550	50				
Certificate	DE000VA3PW78	TESLA393.7TS OPENV	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	DE000VA3PPX4	TESLA393.7TS OPENV	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000VA3PW86	TESLA398.7TS OPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000VA3PXQ2	TESLA398.7TS OPENV	EUR	6,1050	6,1050	6,1050			6,1050					
Certificate	NL0012281497	TESLA403.5TS OPENB	EUR	8,9750	8,9750	8,9750			8,9750					
Certificate	DE000VA3PW94	TESLA403.7TS OPENV	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	DE000VA3PXR0	TESLA403.7TS OPENV	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000VA3PXA6	TESLA408.7TS OPENV	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000VA3PXS8	TESLA408.7TS OPENV	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	NL0012495162	TESLA412.385 OPENB	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	DE000VA3PXT6	TESLA413.7TS OPENV	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	DE000VA3PXB4	TESLA413.7TS OPENV	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	DE000VA3TE27	TESLA418.7TS OPENV	EUR	7,9450	7,9450	7,9450			7,9450					
Certificate	DE000VA3PXC2	TESLA418.7TS OPENV	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	NL0012272678	TESLA423.2TS OPENB	EUR	10,9050	10,9050	10,9050			10,9050					
Certificate	DE000VA3TE35	TESLA423.7TS OPENV	EUR	8,3950	8,3950	8,3950			8,3950					
Certificate	DE000VA3PXD0	TESLA423.7TS OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	NL0012988232	TESLA425.9TS OPENB	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	DE000VA87J18	TESLA427.4TS OPENV	EUR	7,3550	7,3550	7,3550			7,3550					
Certificate	DE000VASEMC4	TESLA427.7TS OPENV	EUR	8,9250	8,9250	8,9250			8,9250					
Certificate	DE000VA3PXE8	TESLA428.7TS OPENV	EUR	7,0450	7,0450	7,0450			7,0450					
Certificate	DE000VA87J34	TESLA429.9TS OPENV	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	DE000VASEMD2	TESLA432.7TS OPENV	EUR	9,3850	9,3850	9,3850			9,3850					
Certificate	DE000VA9C3B1	TESLA434.3TS OPENV	EUR	8,0050	8,0050	8,0050			8,0050					
Certificate	DE000VA9C3D7	TESLA436.8TS OPENV	EUR	8,2250	8,2250	8,2250			8,2250					
Certificate	DE000VASEME0	TESLA437.7TS OPENV	EUR	9,8450	9,8450	9,8450			9,8450					
Certificate	DE000VA9C3E5	TESLA439.3TS OPENV	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	NL0012272751	TESLA441.685 OPENB	EUR	8,8150	8,8150	8,8150			8,8150					
Certificate	NL0012988240	TESLA445.7TS OPENB	EUR	13,1050	13,1050	13,1050			13,1050					
Certificate	DE000CE6ETU8	TESLA461.2TS OPENZ	EUR	10,4100	10,4100	10,2100			10,2100					
Certificate	DE000CE6FKJ7	TEVA 10.11TL OPENZ	EUR	10,4750	10,4750	10,3350			10,3350					
Certificate	DE000CE6FQC9	TEVA 13.28TL OPENZ	EUR	7,6600	7,6600	7,5400			7,5400					
Certificate	DE000CV4Z0U1	TEVA 14.82TL OPENZ	EUR	6,2900	6,2900	6,1700			6,1700					
Certificate	DE000CV4Z423	TEVA 16.34TL OPENZ	EUR	4,9650	4,9650	4,8450			4,8450					
Certificate	DE000CV88Q50	TEVA 18.36TL OPENZ	EUR	3,1950	3,1950	3,0850			3,0850					
Certificate	NL0011997804	THYSS 21.5TL OPENH	EUR											
Certificate	DE000CJ3QAL3	THYSS10.89TL OPENZ	EUR	5,5800	5,9200	5,5800			5,9200					
Certificate	DE000CJ3NQ87	THYSS13.41TL OPENZ	EUR	3,0850	3,4150	3,0850			3,4150					
Certificate	NL0011722178	THYSS14.25TL OPENH	EUR	3,2000	3,4800	3,2000			3,4800					
Certificate	NL0013185234	THYSS16.24TL OPENH	EUR	1,3500	1,6300	1,3500			1,6300					
Certificate	NL0013183874	THYSS16.74TS OPENH	EUR											
Certificate	NL0013132970	THYSS18.74TS OPENH	EUR	3,6200	3,6200	3,4200			3,4200					
Certificate	NL0012907216	THYSS21.49TS OPENH	EUR	6,5600	6,5600	6,3700			6,3700					
Certificate	NL0012905889	THYSS21.98TS OPENH	EUR	7,0800	7,0800	6,8900			6,8900					
Certificate	NL0012933881	THYSS23.43TS OPENH	EUR	8,6400	8,6400	8,4400			8,4400					
Certificate	NL0012912125	THYSS23.99TS OPENH	EUR	9,2400	9,2400	9,0500			9,0500					
Certificate	NL0012847248	THYSS24.38TS OPENH	EUR	9,6600	9,6600	9,4600			9,4600					
Certificate	NL0012565642	THYSS24.67TS OPENH	EUR	9,9700	9,9700	9,7800			9,7800					
Certificate	NL0012561997	THYSS25.59TS OPENH	EUR	10,9600	10,9600	10,7500			10,7500					
Certificate	NL0012606768	THYSS26.68TS OPENH	EUR	12,1400	12,1400	11,9200			11,9200					
Certificate	NL0012849467	THYSS26.85TS OPENH	EUR	12,3100	12,3100	12,1000			12,1000					
Certificate	NL0012365878	THYSS26.96TS OPENH	EUR	12,4300	12,4300	12,2100			12,2100					
Certificate	NL0012330575	THYSS27.92TS OPENH	EUR	13,4700	13,4700	13,2500			13,2500					
Certificate	NL0012050520	THYSS28.37TS OPENH	EUR	13,9400	13,9400	13,7300			13,7300					
Certificate	NL0011054325	THYSS29.55TS OPENH	EUR	15,2100	15,2100	15,0000			15,0000					
Certificate	NL0012365860	THYSS32.76TS OPENH	EUR	18,6600	18,6600	18,4400			18,4400					
Certificate	DE000CR9RGW2	TKHGR 28.TL OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CN6MHM2	TKHGR 24.1TL OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CJ3PQ44	TKHGR 42.1TL OPENZ	EUR	0,2900	0,3650	0,2900	3253,3400	12	0,3650	11123				
Certificate	DE000CV880D1	TKHGR 53.6TS OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6JP75	TKHGR22.45TL OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CN6JRG9	TKHGR29.56TL OPENZ	EUR	1,5700	1,6150	1,5700	1,5700	1	1,6150		1			
Certificate	DE000CD625M3	TKHGR31.12TL OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012121925	TKHGR31.91BL OPENB	EUR	13,8550	13,8550	13,8550			13,8550					
Certificate	DE000CD62DJ0	TKHGR32.66TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CD63U52	TKHGR34.15TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CD642Y3	TKHGR36.14TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CE6BL01	TKHGR38.12TL OPENZ	EUR	0,6800	0,7550	0,6800	6,8000	1	0,7550	10				
Certificate	NL0012121958	TKHGR38.17BL OPENB	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	DE000CE6CK43	TKHGR40.11TL OPENZ	EUR	0,5200	0,5650	0,5200	260,0000	1	0,5650	500				
Certificate	NL0012261630	TKHGR40.25BL OPENB	EUR	4,6300	5,5050	4,6300	3053,0000	2	5,5050	650				
Certificate	DE000CJ3NSG9	TKHGR49.12TS OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV89RP2	TKHGR57.57TS OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CE6EYP8	TKHGR61.55TS OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CV88LL6	TKHGR65.53TS OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0012502488	TKWY 40TL OPENB	EUR	9,8300	9,8300	9,5100	491,5000	1	9,5100	50				
Certificate	NL0012020390	TKWY 21.3TL OPENB	EUR	26,9800	26,9800	26,9800			26,9800					
Certificate	NL0012035307	TKWY 23.4TL OPENB	EUR	25,0000	25,0000	25,0000			25,0000					
Certificate	NL0012104764	TKWY 26.5TL OPENB	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	NL0012105555	TKWY 28.6TL OPENB	EUR	20,1700	20,1700	20,1700			20,1700					
Certificate	NL0012264360	TKWY 29.7TL OPENB	EUR	19,1500	19,1500	19,1500			19,1500					
Certificate	NL0012269856	TKWY 35.9TL OPENB	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0012500235	TKWY 37.9TL OPENB	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	NL0012780357	TKWY 42.1TL OPENB	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	NL0012781231	TKWY 44.1TL OPENB	EUR	5,8500	5,8700	5,7500	438,7500	1	5,7500	75				
Certificate	NL0012784193	TKWY 46.2TL OPENB	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0013152812	TKWY 51.8TS OPENB	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0013152820	TKWY 54.8TS OPENB	EUR	12,5800	12,5800	12,5800			12,5800					
Certificate	NL0013003015	TKWY 57.8TS OPENB	EUR	15,7400	15,7400	15,7400			15,7400					
Certificate	DE000CE6D9U2	TKWY 33.72TL OPENZ	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000CE6DEW8	TKWY 36.98TL OPENZ	EUR	2,6000	2,6000	2,5450	260,0000	1	2,5450	100				
Certificate	DE000CV888U8	TKWY 42.36TL OPENZ	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CJ3QK72	TLITA 0.52TL OPENZ	EUR	0,0630	0,0630	0,0540			0,0540					
Certificate	DE000CJ3NYA3	TLITA0.352TL OPENZ	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CV8A559	TLITA0.406TL OPENZ	EUR	0,1750	0,1750	0,1650			0,1650					
Certificate	DE000CJ3NZU8	TLITA0.462TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CV8B110	TLRY 30.1TL OPENZ	EUR	15,3800	15,3800	14,7700			14,7700					
Certificate	DE000CJ3QK57	TLRY 104.7TL OPENZ	EUR	3,2650	3,2650	2,7050			2,7050					
Certificate	DE000CV8AX00	TLRY 20.08TL OPENZ	EUR	17,0100	17,0100	16,3900			16,3900					
Certificate	DE000CV8B1Y5	TLRY 35.64TL OPENZ	EUR	14,4800	14,4800	13,8800			13,8800					
Certificate	DE000CV8B451	TLRY 41.17TL OPENZ	EUR	13,5900	13,5900	12,9800			12,9800					
Certificate	DE000CV8B4T9	TLRY 46.69TL OPENZ	EUR	12,6900	12,7500	12,0900	1275,0000	1	12,0900	100				
Certificate	DE000CV8B7W6	TLRY 57.71TL OPENZ	EUR	10,9000	10,9000	10,3100			10,3100					
Certificate	DE000CV8B9H3	TLRY 68.73TL OPENZ	EUR	9,1100	9,1100	8,5300			8,5300					
Certificate	DE000CV8BCY7	TLRY 79.69TL OPENZ	EUR	7,3300	7,3300	6,7500	3754,0000	2	6,7500	550				
Certificate	DE000CJ3PWG9	TLRY 89.69TL OPENZ	EUR	5,6500	5,6500	5,0800	157,2000	1	5,0800	30				
Certificate	DE000CV8BEK2	TLRY 90.26TL OPENZ	EUR											
Certificate	NL0011409149	TLSNS 43.5TS OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012605430	TLSNS 52.8TS OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012313290	TLSNS14.44TL OPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012244297	TLSNS24.67TL OPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0011715248	TLSNS25.79TL OPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0011990460	TLSNS26.72TL OPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0011409248	TLSNS30.82TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012579510	TLSNS33.86TL OPENH	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012583678	TLSNS35.86TL OPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0013085434	TLSNS37.86TL OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013128531	TLSNS39.85TL OPENH	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012895189	TLSNS40.84TL OPENH	EUR											
Certificate	NL0011409131	TLSNS46.27TS OPENH	EUR											
Certificate	NL0012605448	TLSNS50.83TS OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012906713	TLSNS59.72TS OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012796783	TN10 LEVOPENZ	EUR	46,7600	46,7600	46,7600			46,7600					
Certificate	NL0012796791	TN10 SHROPEZ	EUR	41,2900	41,2900	41,2900			41,2900					
Certificate	NL0012536817	TN10 109.TL OPENH	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0012313480	TN10 110.TL OPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	NL0012372908	TN10 111.TL OPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CN6K4X9	TN10 133.TS OPENZ	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012372791	TN10 149.TS OPENH	EUR	29,0300	29,0300	29,0300			29,0300					
Certificate	DE000CM73MF7	TN10 97.5TL OPENZ	EUR	19,1300	19,1300	19,1300			19,1300					
Certificate	NL0012372916	TN10 100.8TL OPENH	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	DE000CM73MG5	TN10 103.4TL OPENZ	EUR	13,9800	13,9800	13,9800			13,9800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012579601	TN10 104.3TL OPENH	EUR	14,9700	14,9700	14,9700			14,9700					
Certificate	NL0012565766	TN10 106.3TL OPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	NL0012529390	TN10 107.8TL OPENH	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	DE000CM73MH3	TN10 109.2TL OPENZ	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0012372890	TN10 112.1TL OPENH	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0012372882	TN10 113.1TL OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CR4J7F5	TN10 113.3TL OPENZ	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012372874	TN10 114.1TL OPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0012372866	TN10 115.1TL OPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012372858	TN10 116.2TL OPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000CJ3N2D3	TN10 116.3TL OPENZ	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012372841	TN10 117.2TL OPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012310452	TN10 118.3TL OPENH	EUR											
Certificate	NL0012579585	TN10 120.7TS OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012551097	TN10 122.6TS OPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CE6EUN1	TN10 122.9TS OPENZ	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	NL0012307714	TN10 123.4TS OPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0011996798	TN10 123.6TS OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012313464	TN10 124.6TS OPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0012313456	TN10 125.6TS OPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CR6YN46	TN10 125.6TS OPENZ	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012310437	TN10 125.9TS OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0011996822	TN10 126.5TS OPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0012310429	TN10 126.9TS OPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0012313449	TN10 127.5TS OPENH	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	DE000CV4ZV56	TN10 127.7TS OPENZ	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	NL0012310411	TN10 127.9TS OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012313431	TN10 128.5TS OPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	NL0012313423	TN10 129.4TS OPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	DE000CR9Q773	TN10 130.3TS OPENZ	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0012313415	TN10 130.4TS OPENH	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012313407	TN10 131.4TS OPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0012313399	TN10 132.3TS OPENH	EUR	13,9900	13,9900	13,9900			13,9900					
Certificate	NL0012313381	TN10 133.3TS OPENH	EUR	14,8600	14,8600	14,8600			14,8600					
Certificate	NL0012313373	TN10 134.2TS OPENH	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0012313365	TN10 135.2TS OPENH	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	DE000CD61AF6	TN10 135.8TS OPENZ	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	NL0012313357	TN10 136.2TS OPENH	EUR	17,4500	17,4500	17,4500			17,4500					
Certificate	NL0012372825	TN10 137.4TS OPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	NL0012372817	TN10 138.3TS OPENH	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	DE000CE6C667	TN10 138.6TS OPENZ	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	NL0012538169	TN10 139.7TS OPENH	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	NL0012437768	TN10 140.7TS OPENH	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	DE000CE6CE25	TN10 141.5TS OPENZ	EUR	19,7100	19,7100	19,7100			19,7100					
Certificate	NL0012372809	TN10 144.2TS OPENH	EUR	24,6500	24,6500	24,6500			24,6500					
Certificate	DE000CE6EUP6	TN10 144.4TS OPENZ	EUR	22,2600	22,2600	22,2600			22,2600					
Certificate	NL0012372783	TN10 153.9TS OPENH	EUR	33,4000	33,4000	33,4000			33,4000					
Certificate	NL0012372775	TN10 158.8TS OPENH	EUR	37,7800	37,7800	37,7800			37,7800					
Certificate	NL0012372767	TN10 163.6TS OPENH	EUR	42,1600	42,1600	42,1600			42,1600					
Certificate	NL0012372759	TN10 173.4TS OPENH	EUR	50,9200	50,9200	50,9200			50,9200					
Certificate	NL0012432777	TN10 183.3TS OPENH	EUR	59,8000	59,8000	59,8000			59,8000					
Certificate	NL0012899504	TN10 70.47TL OPENH	EUR	44,1600	44,1600	44,1600			44,1600					
Certificate	NL0012372940	TN10 80.21TL OPENH	EUR	35,7500	35,7500	35,7500			35,7500					
Certificate	NL0012615694	TN10 85.77TL OPENH	EUR	30,9400	30,9400	30,9400			30,9400					
Certificate	NL0012372932	TN10 90.48TL OPENH	EUR	26,8700	26,8700	26,8700			26,8700					
Certificate	NL0012372924	TN10 95.61TL OPENH	EUR	22,4300	22,4300	22,4300			22,4300					
Certificate	DE000CV8ALP8	TNCT 212.TL OPENZ	EUR	1,3600	1,3900	1,3500	1350,0000	1	1,3900	1000				
Certificate	DE000CJ3N591	TNCT 170.1TL OPENZ	EUR	1,8000	1,8250	1,7600	264,0000	1	1,8250	150				
Certificate	DE000CV8BDK4	TNCT 189.7TL OPENZ	EUR	1,5900	1,6250	1,5900			1,6250					
Certificate	DE000CV89PB6	TNCT 234.6TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CJ3PUC2	TNCT 253.4TL OPENZ	EUR	0,9200	0,9600	0,9200	960,0000	1	0,9550	1000				
Certificate	DE000CV8ALQ6	TNCT 255.1TL OPENZ	EUR											
Certificate	DE000CJ3QB08	TNCT 273.4TL OPENZ	EUR	0,7200	0,7550	0,7200			0,7550					
Certificate	DE000CJ3PGM0	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CE6BQS4	TOMTO LEVOPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CE6BQH7	TOMTO SHROOPENZ	EUR	0,1030	0,1030	0,0860	2060,0000	1	0,0860	20000				
Certificate	LU1876932416	TOMTO 4TCIOPENZ	EUR	3,9400	4,4000	3,9400			4,4000					
Certificate	NL0013012891	TOMTO 6TL OPENB	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	DE000CX59KZ5	TOMTO 7TL OPENC	EUR											
Certificate	LU1876938454	TOMTO 8TPIOPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012795405	TOMTO 9BOC1218Z	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	LU1876938611	TOMTO 9TPIOPENZ	EUR	1,4700	1,4700	1,0000			1,0000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NUT1	TOMTO 9TS 1218Z	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0012793087	TOMTO 10BOC1218B	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	LU1876938884	TOMTO 10TPIOPENS	EUR	2,4600	2,4600	2,0000			2,0000					
Certificate	DE000CV8AE52	TOMTO 10TS 1218Z	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0012494652	TOMTO 11BOC1218B	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	DE000CV8ABU9	TOMTO 11TS 1218Z	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0009966746	TOMTO 2.7TL OPENB	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0010012274	TOMTO 3.1TL OPENB	EUR	5,5650	5,5650	5,5650			5,5650					
Certificate	NL0010378576	TOMTO 3.4TL OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	NL0012313324	TOMTO 3.7TL OPENH	EUR	4,5200	4,9800	4,5200			4,9800					
Certificate	NL0010441796	TOMTO 4.2TL OPENB	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	LU1876932507	TOMTO 4.5TCIOPENS	EUR	3,4400	3,9000	3,4400			3,9000					
Certificate	NL0010652277	TOMTO 4.7TL OPENB	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	NL0010887923	TOMTO 4.9TL OPENB	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	NL0010656575	TOMTO 5.2TL OPENB	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CC608R9	TOMTO 5.2TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0010875381	TOMTO 5.3TL OPENB	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0010913729	TOMTO 5.6TL OPENB	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	NL0011039904	TOMTO 5.6TL OPENH	EUR	2,8700	3,3200	2,8700			3,3200					
Certificate	NL0012901680	TOMTO 5.8TL OPENH	EUR	2,6900	3,1500	2,6900			3,1500					
Certificate	NL0013018732	TOMTO 6.3TL OPENB	EUR	2,2900	2,5850	2,2850	9160,0000	1	2,5850	4000				
Certificate	LU1876932689	TOMTO 6.5TCIOPENS	EUR	1,4400	1,9100	1,4400			1,9100					
Certificate	NL0013019169	TOMTO 6.6TL OPENB	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0013019177	TOMTO 6.9TL OPENB	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	NL0013110315	TOMTO 7.2BOC0619Z	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0013148596	TOMTO 7.2TL OPENB	EUR	1,4100	1,7650	1,3900	28571,4000	7	1,7650	19780				
Certificate	NL0013155039	TOMTO 7.8TS OPENB	EUR											
Certificate	NL0013152838	TOMTO 8.3TS OPENB	EUR											
Certificate	LU1876938538	TOMTO 8.5TPIOPENS	EUR	0,9700	0,9700	0,5100			0,5100					
Certificate	DE000CJ3P349	TOMTO 8.5TS 0319Z	EUR	0,7000	0,7000	0,4950	700,0000	1	0,4950	1000				
Certificate	NL0012796510	TOMTO 8.7BOC0919Z	EUR	7,8300	7,9500	7,8300	1174,5000	1	7,9500	150				
Certificate	NL0013110711	TOMTO 8.8BOC0919Z	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0013152846	TOMTO 8.8TS OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0012795413	TOMTO 8.9BOC0319Z	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	NL0012509780	TOMTO 9.4TS OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	LU1876938702	TOMTO 9.5TPIOPENS	EUR	1,9600	1,9600	1,5000			1,5000					
Certificate	DE000CJ3P356	TOMTO 9.5TS 0319Z	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	NL0012796528	TOMTO 9.7BOC1219Z	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012789986	TOMTO 9.8TS OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	NL0013148844	TOMTO 10.2BOC1219B	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	LU1876938967	TOMTO 10.5TPIOPENS	EUR	2,9600	2,9600	2,4900			2,4900					
Certificate	DE000CJ3P9M7	TOMTO 10.5TS 0319Z	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	LU1876939007	TOMTO 11.5TPIOPENS	EUR	3,9600	3,9600	3,4900			3,4900					
Certificate	NL0011235262	TOMTO 12.9TS OPENH	EUR	7,4400	7,4400	7,0700			7,0700					
Certificate	NL0012313340	TOMTO 2.47TL OPENH	EUR	5,5900	6,0400	5,5900			6,0400					
Certificate	NL0012313332	TOMTO 3.08TL OPENH	EUR	5,0500	5,5100	5,0500			5,5100					
Certificate	NL0010154977	TOMTO 3.49TL OPENA	EUR											
Certificate	NL0011039920	TOMTO 4.53TL OPENH	EUR	3,8000	4,2500	3,8000	478,8000	1	4,2500	120				
Certificate	DE000CJ3NM81	TOMTO 5.03TL OPENZ	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CJ3NLL7	TOMTO 5.05TL 1218Z	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	LU1817373522	TOMTO 5.08TCIOPENS	EUR	2,8300	3,3000	2,8300			3,3000					
Certificate	NL0011039912	TOMTO 5.17TL OPENH	EUR	3,2400	3,6900	3,2400			3,6900					
Certificate	NL0011040597	TOMTO 5.39TL OPENH	EUR	3,0500	3,5100	3,0500			3,5100					
Certificate	DE000CJ3NLM5	TOMTO 5.55TL 1218Z	EUR	2,3800	2,6450	2,3800	38080,0000	8	2,6450	16000				
Certificate	DE000CV89UR2	TOMTO 5.58TL OPENZ	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	LU1817373795	TOMTO 5.71TCIOPENS	EUR	2,2000	2,6700	2,2000			2,6700					
Certificate	DE000CJ3P4X5	TOMTO 5.73TL 0319Z	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000CJ3PCL1	TOMTO 5.95TL 1218Z	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CJ3PDH7	TOMTO 6.05TL OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	NL0013125776	TOMTO 6.09TL OPENH	EUR	2,4400	2,9200	2,4400			2,9200					
Certificate	NL0013126550	TOMTO 6.29TL OPENH	EUR	2,2700	2,7400	2,2700			2,7400					
Certificate	NL0013126808	TOMTO 6.59TL OPENH	EUR	2,0100	2,4800	2,0100			2,4800					
Certificate	DE000CJ3PR68	TOMTO 6.61TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CJ3P331	TOMTO 6.63TL 0319Z	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	LU1859904945	TOMTO 6.88TCIOPENS	EUR	1,0500	1,5200	1,0500			1,5200					
Certificate	NL0013126790	TOMTO 6.89TL OPENH	EUR	1,7400	2,2200	1,7400			2,2200					
Certificate	DE000CJ3P9K1	TOMTO 7.13TL 0319Z	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CJ3PWE4	TOMTO 7.16TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	LU1859914159	TOMTO 7.17TCIOPENS	EUR	0,7600	1,2300	0,7600			1,2300					
Certificate	NL0013129786	TOMTO 7.18TL OPENH	EUR	1,4800	1,9600	1,4800			1,9600					
Certificate	NL0013110323	TOMTO 7.35BOC0919Z	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0013185440	TOMTO 7.39TL OPENH	EUR	1,3100	1,7800	1,3100			1,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013183882	TOMTO 7.49TL OPENH	EUR											
Certificate	NL0011995857	TOMTO 7.64TL OPENH	EUR											
Certificate	NL0013110331	TOMTO 7.65BOC1219Z	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0013184781	TOMTO 7.79TS OPENH	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0013186166	TOMTO 7.89TS OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CJ3QHFO	TOMTO 8.11TS OPENZ	EUR											
Certificate	NL0013182447	TOMTO 8.19TS OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013003288	TOMTO 8.35BOC0719B	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	NL0012900047	TOMTO 8.58TS OPENH	EUR	2,3600	2,3600	2,0200			2,0200					
Certificate	NL0013003296	TOMTO 8.65BOC0919B	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0012888788	TOMTO 8.95TS OPENH	EUR	2,8000	2,8000	2,4600			2,4600					
Certificate	DE000CE6FK40	TOMTO 9.11TS OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0012549554	TOMTO 9.16TS OPENH	EUR	3,0500	3,0500	2,7100			2,7100					
Certificate	NL0012539357	TOMTO 9.33TS OPENH	EUR	3,2500	3,2500	2,9000			2,9000					
Certificate	NL0012544712	TOMTO 9.54TS OPENH	EUR	3,4900	3,4900	3,1500			3,1500					
Certificate	NL0012936306	TOMTO 9.74TS OPENH	EUR	3,7300	3,7300	3,3800			3,3800					
Certificate	NL0012539340	TOMTO 9.82TS OPENH	EUR	3,8200	3,8200	3,4800			3,4800					
Certificate	DE000CJ3P9Q8	TOMTO10.11TS OPENZ	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	NL0011593413	TOMTO10.18TS OPENH	EUR	4,2500	4,2500	3,9000			3,9000					
Certificate	NL0011535257	TOMTO10.34BS OPENB	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	NL0011742853	TOMTO10.73TS OPENH	EUR	4,9000	4,9000	4,5300			4,5300					
Certificate	NL0011732458	TOMTO11.26TS OPENH	EUR	5,5200	5,5200	5,1600			5,1600					
Certificate	NL0011586664	TOMTO11.54TS OPENH	EUR	5,8500	5,8500	5,4900			5,4900					
Certificate	NL0012313308	TOMTO12.18TS OPENH	EUR	6,6000	6,6000	6,2300			6,2300					
Certificate	NL0012365506	TOMTO12.79TS OPENH	EUR	7,3100	7,3100	6,9400			6,9400					
Certificate	NL0012546543	TOMTO13.46TS OPENH	EUR	8,1000	8,1000	7,7300			7,7300					
Certificate	NL0012369896	TOMTO14.55TS OPENH	EUR	9,3800	9,3800	9,0100			9,0100					
Certificate	DE000CJ3NML5	TOMTO3.677TL OPENZ	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	DE000CV89VN9	TOMTO4.183TL OPENZ	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	NL0011903612	TOMTO4.6498L OPENB	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000CV89RQ0	TOMTO4.691TL OPENZ	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000CJ3NMM3	TOMTO5.002TL OPENZ	EUR	2,8800	3,1550	2,8800	31795,2000	4	3,1550	11040				
Certificate	DE000CF80TP0	TOMTO5.034TL OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0011900162	TOMTO5.1818L OPENB	EUR	2,8400	3,3600	2,8400	29012,0000	4	3,3050	10050				
Certificate	DE000CZ7D0P5	TOMTO5.203TL OPENZ	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000CB1MST9	TOMTO5.422TL OPENZ	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	DE000CB1MWK0	TOMTO5.633TL OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	NL0011644935	TOMTO5.7138L OPENB	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CJ3NMM1	TOMTO5.832TL OPENZ	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000CJ3PC81	TOMTO6.134TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	NL0013018435	TOMTO6.2148L OPENB	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000CJ3PO51	TOMTO6.479TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0013018815	TOMTO6.7158L OPENB	EUR	1,3700	1,7650	1,3550	7261,0000	2	1,7650	5300				
Certificate	DE000CJ3PO69	TOMTO6.828TL OPENZ	EUR	1,0600	1,3550	1,0600	11877,0000	7	1,3550	10950				
Certificate	DE000CJ3PVX6	TOMTO7.173TL OPENZ	EUR	0,5900	1,0150	0,5900	10952,4500	14	1,0150	15225				
Certificate	NL0013147481	TOMTO7.2148L OPENB	EUR	0,8200	1,2650	0,8200	454,6000	3	1,2650	510				
Certificate	NL0013156185	TOMTO7.6938S OPENB	EUR											
Certificate	NL0013154412	TOMTO8.1918S OPENB	EUR											
Certificate	DE000CJ3NUN4	TOMTO8.652TS OPENZ	EUR											
Certificate	NL0012994925	TOMTO8.6918S OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CJ3NUP9	TOMTO9.252TS OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0012983696	TOMTO9.6818S OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CV8A575	TOMTO9.846TS OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0006527202	TOTAL 8TL OPENB	EUR	40,8100	40,8100	40,8100			40,8100					
Certificate	DE000CX0JQQ1	TOTAL 30TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CX00435	TOTAL 32TL OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0011722277	TOTAL 34TL OPENH	EUR	16,6900	16,7600	16,6900			16,7600					
Certificate	DE000CW42R19	TOTAL 35TL OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CK5KFK9	TOTAL 35TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CX00PF0	TOTAL 36TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CX00PM6	TOTAL 36TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CX00F12	TOTAL 38TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CX00EU3	TOTAL 38TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CX59AM4	TOTAL 40TL OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CY50GE5	TOTAL 40TL OPENC	EUR	0,9000	0,9300	0,9000	9000,0000	1	0,9300	10000				
Certificate	NL0006468068	TOTAL 11.5TL OPENB	EUR	37,5700	37,5700	37,5700			37,5700					
Certificate	NL0006469330	TOTAL 15.1TL OPENB	EUR	34,1900	34,1900	34,1900			34,1900					
Certificate	NL0010117628	TOTAL 18.2TL OPENB	EUR	31,3400	31,3400	31,3400			31,3400					
Certificate	NL0010127619	TOTAL 21.5TL OPENB	EUR	28,3200	28,3200	28,2600	2548,8000	1	28,2600	90				
Certificate	NL0010131835	TOTAL 25.2TL OPENB	EUR	24,8400	24,8400	24,8400			24,8400					
Certificate	NL0010514758	TOTAL 28.9TL OPENB	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	NL0010889903	TOTAL 28.9TL OPENB	EUR	21,3800	21,3800	21,3800			21,3800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011649678	TOTAL 31.6TL OPENB	EUR	18,9100	18,9100	18,8600			18,8600					
Certificate	NL0011722285	TOTAL 31.9TL OPENH	EUR	18,6300	18,7000	18,6300			18,7000					
Certificate	NL0011800115	TOTAL 34.2TL OPENB	EUR	16,4200	16,4200	16,4200			16,4200					
Certificate	NL0011722269	TOTAL 35.1TL OPENH	EUR	15,7200	15,7900	15,7200			15,7900					
Certificate	NL0011975545	TOTAL 36.1TL OPENH	EUR	14,7900	14,8600	14,7900			14,8600					
Certificate	NL0012019368	TOTAL 36.9TL OPENB	EUR	13,9900	13,9900	13,9900			13,9900					
Certificate	NL0011979877	TOTAL 38.2TL OPENH	EUR	12,8300	12,9000	12,8300			12,9000					
Certificate	NL0011997382	TOTAL 39.2TL OPENH	EUR	11,8700	11,9400	11,8700			11,9400					
Certificate	NL0012038038	TOTAL 39.4TL OPENB	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	NL0012049993	TOTAL 40.2TL OPENH	EUR	10,9300	11,0000	10,9300			11,0000					
Certificate	NL0012520811	TOTAL 41.3TL OPENH	EUR	9,9000	9,9700	9,9000			9,9700					
Certificate	NL0012579577	TOTAL 43.2TL OPENH	EUR	8,1100	8,1800	8,1100			8,1800					
Certificate	NL0012594766	TOTAL 44.3TL OPENH	EUR	7,1300	7,2000	7,1300			7,2000					
Certificate	NL0012602908	TOTAL 45.3TL OPENH	EUR	6,1600	6,2300	6,1600			6,2300					
Certificate	NL0012603724	TOTAL 46.3TL OPENH	EUR	5,2300	5,3500	5,2300			5,3500					
Certificate	NL0012605661	TOTAL 47.3TL OPENH	EUR	4,3000	4,4200	4,3000			4,4200					
Certificate	NL0013180672	TOTAL 50.9TS OPENH	EUR	6,7100	6,8500	6,7100			6,8500					
Certificate	NL0013128549	TOTAL 53.9TS OPENH	EUR	10,0100	10,1000	10,0100			10,1000					
Certificate	NL0013085442	TOTAL 55.9TS OPENH	EUR	12,1300	12,2200	12,1300			12,2200					
Certificate	NL0012905269	TOTAL 57.9TS OPENH	EUR	14,2900	14,3800	14,2900			14,3800					
Certificate	NL0012608186	TOTAL 61.9TS OPENH	EUR	18,6400	18,7300	18,6400			18,7300					
Certificate	NL0012903934	TOTAL 71.4TS OPENH	EUR	28,8100	28,9000	28,8100			28,9000					
Certificate	DE000CM4ACY9	TOTAL22.22TL OPENZ	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CN6JUB4	TOTAL34.49TL OPENZ	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	DE000CC3ZA86	TOTAL35.16TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CD61TM2	TOTAL38.45TL OPENZ	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CV87M86	TOTAL43.43TL OPENZ	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CV88LM4	TOTAL48.36TL OPENZ	EUR											
Certificate	NL0012771067	TOYOT 109.BL OPENB	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012700140	TOYOT 146.BS OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CJ3PSB8	TOYOT 4455TL OPENZ	EUR	2,1050	2,1050	2,0850			2,0850					
Certificate	DE000CV8ASW9	TOYOT 5254TL OPENZ	EUR	1,5150	1,5150	1,4950			1,4950					
Certificate	DE000CV8ASX7	TOYOT 6316TL OPENZ	EUR	0,7450	0,7450	0,7150			0,7150					
Certificate	NL0012988885	TOYOT101.78L OPENB	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013158074	TOYOT116.58L OPENB	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013010663	TOYOT121.18S OPENB	EUR											
Certificate	NL0012973861	TOYOT133.68S OPENB	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013010598	TOYOT94.078L OPENB	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CJ3NQV5	TRIPA33.88TL OPENZ	EUR	2,5150	2,5650	2,5150			2,5650					
Certificate	DE000CV8AFA2	TRIPA40.94TL OPENZ	EUR	1,8850	1,9450	1,8850			1,9450					
Certificate	DE000CJ3PY93	TRIPA48.91TL OPENZ	EUR	1,1850	1,2450	1,1850			1,2450					
Certificate	DE000CV8B656	TUI A10.55TL OPENZ	EUR	0,6750	0,6750	0,5700	4788,0000	1	0,6050	8400				
Certificate	DE000CJ3QGN6	TUI A11.55TL OPENZ	EUR	0,4850	0,4850	0,4150			0,4150					
Certificate	DE000CV4YXZ1	TUI A12.55TL OPENZ	EUR	0,2850	0,2850	0,2150	130,0000	1	0,2150	500				
Certificate	NL0000458198	TURKIJE CT OPENN	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	NL0009176114	TURKT 557TL OPENB	EUR	7,1750	7,1750	7,1750			7,1750					
Certificate	NL0009176833	TURKT 654TL OPENB	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	NL0010047163	TURKT 773TL OPENB	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000CJ3QEH3	TWI 0.96TL OPENZ	EUR	0,6350	0,6350	0,5750			0,5750					
Certificate	DE000CJ3PES2	TWI 1.11TL OPENZ	EUR	0,4750	0,4750	0,4150			0,4150					
Certificate	DE000CV4ZZQ2	TWI 1.31TL OPENZ	EUR	0,2650	0,2650	0,2050			0,2050					
Certificate	DE000CX01NU2	TWTR 10TL OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CX593U2	TWTR 16TL OPENC	EUR											
Certificate	DE000CY51L78	TWTR 17TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CP06UW8	TWTR 20TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CY52AN5	TWTR 20TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CQ58W29	TWTR 20TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CQ5AG79	TWTR 22TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CJ3NXW9	TWTR 24TL 1218Z	EUR	1,6050	1,6050	1,5050			1,5050					
Certificate	DE000CQ5A6A8	TWTR 24TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CP23383	TWTR 24TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CX0JT01	TWTR 24TS OPENC	EUR											
Certificate	DE000CJ3QAD0	TWTR 25TL 0319Z	EUR	1,4550	1,4550	1,3550			1,3550					
Certificate	DE000CJ16XR3	TWTR 25TS OPENC	EUR											
Certificate	DE000CP06UX6	TWTR 26TL OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CQ5A6B6	TWTR 26TL OPENC	EUR											
Certificate	DE000CJ3QFR9	TWTR 27TL 0319Z	EUR	1,1050	1,1050	1,0050			1,0050					
Certificate	DE000CJ3PB55	TWTR 27TL 1218Z	EUR	1,0750	1,0750	0,9850			0,9850					
Certificate	DE000CY52Y29	TWTR 28TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3PSY0	TWTR 29TL 0319Z	EUR	0,7450	0,7450	0,6550			0,6550					
Certificate	DE000CP236A0	TWTR 30TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CY52Z06	TWTR 30TL OPENC	EUR	0,2000	0,2000	0,2000			0,2000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV52Z14	TWTR 32TL OPENC	EUR											
Certificate	DE000CQ5AJA7	TWTR 34TS OPENC	EUR											
Certificate	DE000CP23391	TWTR 34TS OPENC	EUR	0,1600	0,1600	0,1600				0,1600				
Certificate	DE000CP23688	TWTR 35TS OPENC	EUR	0,4200	0,4200	0,4200				0,4200				
Certificate	DE000CP067G6	TWTR 36TS OPENC	EUR	0,3300	0,3300	0,3300				0,3300				
Certificate	DE000CQ58U70	TWTR 38TS OPENC	EUR	0,5000	0,5000	0,5000				0,5000				
Certificate	DE000CP061D6	TWTR 40TS OPENC	EUR	0,6800	0,6800	0,6800				0,6800				
Certificate	DE000CQ58W37	TWTR 40TS OPENC	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	DE000CP061E4	TWTR 42TS OPENC	EUR	0,8500	0,8500	0,8500				0,8500				
Certificate	DE000CJ3N178	TWTR 22.5TL 1218Z	EUR	1,8650	1,8650	1,7650				1,7650				
Certificate	DE000CJ3N186	TWTR 25.5TL 1218Z	EUR	1,3450	1,3450	1,2450				1,2450				
Certificate	NL0012778096	TWTR 29.5TS OPENB	EUR											
Certificate	NL0013156623	TWTR 32.4TS OPENB	EUR											
Certificate	NL0013156193	TWTR 32.78S OPENB	EUR											
Certificate	NL0013155047	TWTR 33.9TS OPENB	EUR	6,7250	6,7250	6,7250				6,7250				
Certificate	NL0013149289	TWTR 35.4TS OPENB	EUR	8,2750	8,2750	8,2750				8,2750				
Certificate	NL0013146145	TWTR 36.9TS OPENB	EUR	9,8450	9,8450	9,8450				9,8450				
Certificate	NL0013146152	TWTR 38.4TS OPENB	EUR	11,3950	11,3950	11,3950				11,3950				
Certificate	NL0012971105	TWTR 44.4TS OPENB	EUR											
Certificate	NL0012971386	TWTR 48.78S OPENB	EUR	15,0350	15,0350	15,0350				15,0350				
Certificate	NL0012971980	TWTR 48.9TS OPENB	EUR	22,3050	22,3050	22,3050				22,3050				
Certificate	NL0011645981	TWTR 12.14BL OPENB	EUR	18,2600	18,2600	18,2600				18,2600				
Certificate	DE000CJ3NSU3	TWTR 17.25TL OPENZ	EUR	2,7750	2,7750	2,6650				2,6650				
Certificate	DE000CV8AHT8	TWTR 20.78TL OPENZ	EUR	2,1450	2,1450	2,0450				2,0450				
Certificate	DE000CJ3NSQ8	TWTR 22.83TL OPENZ	EUR	1,7850	1,7850	1,6850				1,6850				
Certificate	DE000CJ3NSV1	TWTR 24.35TL OPENZ	EUR	1,5150	1,5150	1,4150				1,4150				
Certificate	DE000CV8A9G6	TWTR 25.87TL OPENZ	EUR	1,2450	1,2450	1,1550				1,1550				
Certificate	DE000CJ3PBN9	TWTR 27.36TL OPENZ	EUR	0,9850	0,9850	0,8950				0,8950				
Certificate	NL0012780548	TWTR 29.01BS OPENB	EUR											
Certificate	DE000CJ3PMM8	TWTR 29.36TL OPENZ	EUR	0,6450	0,6450	0,5450				0,5450				
Certificate	NL0013152333	TWTR 34.71BS OPENB	EUR	2,7050	2,7050	2,7050				2,7050				
Certificate	DE000CJ3QA58	TWTR 35.89TS OPENZ	EUR	0,5850	0,6750	0,5850				0,6750				
Certificate	NL0013017775	TWTR 36.71BS OPENB	EUR	4,4650	4,4650	4,4650				4,4650				
Certificate	NL0013147572	TWTR 38.71BS OPENB	EUR	6,2250	6,2250	6,2250				6,2250				
Certificate	DE000CV8AG76	TWTR 39.89TS OPENZ	EUR	1,2750	1,3650	1,2750				1,3650				
Certificate	DE000CV8B5C2	TWTR 44.92TS OPENZ	EUR	2,1650	2,2450	2,1650				2,2450				
Certificate	NL0013003494	UBS 16TS OPENB	EUR	3,1400	3,3500	3,1400				3,3500				
Certificate	NL0009864065	UBS 5.4TL OPENB	EUR	7,8000	7,8000	7,8000				7,8000				
Certificate	NL0011906805	UBS 10.9TL OPENB	EUR	3,2400	3,2400	3,0300				3,0300				
Certificate	NL0013011760	UBS 11.6TL OPENB	EUR	2,7300	2,7300	2,5200				2,5200				
Certificate	NL0013011778	UBS 12.2TL OPENB	EUR	2,2300	2,2300	2,0200				2,0200				
Certificate	NL0013011786	UBS 12.9TL OPENB	EUR	1,6500	1,6500	1,4500				1,4500				
Certificate	NL0013152861	UBS 14.4TS OPENB	EUR	1,6600	1,8700	1,6600				1,8700				
Certificate	NL0012683494	UBS 17.7TS OPENB	EUR	4,8200	5,0200	4,8200				5,0200				
Certificate	DE000CN6J877	UBS 10.98TL OPENZ	EUR	0,5050	0,5050	0,4750				0,4750				
Certificate	DE000CD63724	UBS 12.46TL OPENZ	EUR	0,2450	0,2450	0,2150				0,2150				
Certificate	DE000CD61YX9	UBS 9.473TL OPENZ	EUR	0,7750	0,7750	0,7450				0,7450				
Certificate	CH0025955425	UBS FIN	EUR											
Certificate	CH0025957900	UBS GDS	EUR											
Certificate	CH0025957470	UBS HLTH	EUR											
Certificate	CH0025955102	UBS L200	EUR											
Certificate	CH0025955193	UBS M200	EUR											
Certificate	CH0025957553	UBS MEDIA	EUR											
Certificate	CH0025955144	UBS S200	EUR											
Certificate	NL0006469348	UCB S 8.7TL OPENB	EUR	64,7650	64,7650	64,7650				64,7650				
Certificate	NL0009177765	UCB S 17.5TL OPENB	EUR	56,6050	56,6050	56,6050				56,6050				
Certificate	NL0009679273	UCB S 20.8TL OPENB	EUR	53,5450	53,5450	53,5450				53,5450				
Certificate	NL0010763900	UCB S 49.7TL OPENB	EUR	26,6150	26,6150	26,6150				26,6150				
Certificate	NL0012040141	UCB S 52.2TL OPENB	EUR	24,3450	24,3450	24,3450				24,3450				
Certificate	NL0012040158	UCB S 54.7TL OPENB	EUR	21,9550	21,9550	21,9550				21,9550				
Certificate	DE000CE6EA01	UCB S 55.9TL OPENZ	EUR	3,7750	3,7750	3,5150				3,5150				
Certificate	NL0012785943	UCB S 59.8TL OPENB	EUR	17,2750	17,2750	17,2750				17,2750				
Certificate	NL0013017130	UCB S 67.3TL OPENB	EUR	10,2550	10,2550	10,2550				10,2550				
Certificate	NL0013146046	UCB S 69.8TL OPENB	EUR	7,9300	7,9550	7,9300	4995,9000	1	7,9550	630				
Certificate	NL0013148620	UCB S 72.3TL OPENB	EUR	5,6350	5,6350	5,6350				5,6350				
Certificate	NL0013158124	UCB S 76.3BS OPENB	EUR	0,4450	0,4450	0,4450				0,4450				
Certificate	NL0012999718	UCB S 80.5TS OPENZ	EUR	14,2550	14,2550	14,2550				14,2550				
Certificate	NL0012993133	UCB S 81.3BS OPENB	EUR	0,9450	0,9450	0,9450				0,9450				
Certificate	NL0012988257	UCB S 85.6TS OPENB	EUR	19,7050	19,7050	19,7050				19,7050				
Certificate	NL0012997555	UCB S 90.7TS OPENB	EUR	25,1950	25,1950	25,1950				25,1950				
Certificate	DE000CV8AGR4	UCB S 95.9TS OPENZ	EUR	4,2950	4,5550	4,2950				4,5550				
Certificate	DE000CD64220	UCB S45.94TL OPENZ	EUR	5,7600	5,7600	5,5000				5,5000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CR1K6D2	UCB S51.94TL OPENZ	EUR	2,2850	2,2850	2,1550			2,1550					
Certificate	DE000CE6F5N3	UCB S59.88TL OPENZ	EUR	2,9850	2,9850	2,7250			2,7250					
Certificate	NL0013018823	UCB S62.43BL OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV898P7	UCB S64.87TL OPENZ	EUR	1,9950	1,9950	1,7350			1,7350					
Certificate	NL0013008782	UCB S65.44BL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0012995476	UCB S68.45BL OPENB	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3PQ85	UCB S69.86TL OPENZ	EUR	1,0050	1,0050	0,7450			0,7450					
Certificate	NL0013147499	UCB S71.44BL OPENB	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	DE000CV89C45	UCB S85.91TS OPENZ	EUR	2,3050	2,5650	2,3050			2,5650					
Certificate	NL0012993141	UCB S86.25BS OPENB	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0012271449	UMICO 29TL OPENB	EUR	18,2700	20,7800	18,2700	2896,5000	2	20,7800	150				
Certificate	NL0012494124	UMICO 32TL OPENB	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0012796692	UMICO 51BOC0919Z	EUR	35,7400	35,7400	35,6500			35,6500					
Certificate	NL0009521756	UMICO 9.3TL OPENB	EUR	56,5900	56,5900	56,5900			56,5900					
Certificate	NL0009998699	UMICO 11.2TL OPENB	EUR	53,1900	53,1900	53,1900			53,1900					
Certificate	NL0011652474	UMICO 17.7TL OPENB	EUR	41,3000	41,3000	41,3000			41,3000					
Certificate	NL0011806062	UMICO 19.8TL OPENB	EUR	37,5000	37,5000	37,5000			37,5000					
Certificate	DE000CN6L129	UMICO 21.9TL OPENZ	EUR	29,5400	30,2600	29,5400			30,2600					
Certificate	NL0011906813	UMICO 22.1TL OPENB	EUR	33,2800	33,2800	33,2800			33,2800					
Certificate	NL0012112551	UMICO 22.9TL OPENB	EUR	31,8800	31,8800	31,8800			31,8800					
Certificate	NL0012118350	UMICO 23.7TL OPENB	EUR	30,4200	30,4200	30,4200			30,4200					
Certificate	NL0012261259	UMICO 25.2TL OPENB	EUR	27,3100	27,6600	27,2700	54580,0000	2	27,6600	2000				
Certificate	DE000CE6CUH7	UMICO 29.2TL OPENZ	EUR	3,0050	3,1550	2,7800	1778,0000	2	3,1550	600				
Certificate	NL0012499032	UMICO 33.6TL OPENB	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	NL0012512628	UMICO 36.6TL OPENB	EUR											
Certificate	NL0013110729	UMICO 42.3BOC0919Z	EUR	37,4900	37,5500	37,4900			37,5500					
Certificate	NL0013155054	UMICO 42.7TS OPENB	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	NL0013005663	UMICO 47.7TS OPENB	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	NL0012986459	UMICO 52.7TS OPENB	EUR	21,8200	21,8200	21,8200			21,8200					
Certificate	NL0012791289	UMICO 57.6TS OPENB	EUR	27,9100	27,9100	27,3500			27,3500					
Certificate	DE000CN6KGK2	UMICO20.31TL OPENZ	EUR	32,7100	33,4300	32,7100			33,4300					
Certificate	DE000CE6CKM8	UMICO26.64TL OPENZ	EUR	4,0250	4,1650	4,0250			4,1650					
Certificate	NL0012600498	UMICO27.61TL OPENH	EUR	1,1100	1,2200	1,1100			1,2200					
Certificate	NL0012581615	UMICO29.66TL OPENH	EUR	0,9300	1,0400	0,9300			1,0400					
Certificate	NL0013158082	UMICO31.25BL OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012581300	UMICO31.69TL OPENH	EUR	0,7400	0,8500	0,7400	1125,0000	1	0,8500	1500				
Certificate	DE000CE6ER51	UMICO32.18TL OPENZ	EUR	1,8250	1,9750	1,8250			1,9750					
Certificate	NL0013016538	UMICO33.25BL OPENB	EUR	0,6000	0,8450	0,6000	1345,0000	3	0,8450	2000				
Certificate	NL0012581292	UMICO33.71TL OPENH	EUR	0,5600	0,6700	0,5600			0,6700					
Certificate	NL0013008790	UMICO35.25BL OPENB	EUR	0,2500	0,4450	0,2500	303,8000	2	0,4450	980				
Certificate	DE000CE6F3L2	UMICO35.67TL OPENZ	EUR	0,2300	0,2300	0,0200	4,0000	1	0,0200	200				
Certificate	NL0012581284	UMICO35.74TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0013007636	UMICO37.26BL OPENB	EUR											
Certificate	NL0012581276	UMICO37.75TL OPENH	EUR											
Certificate	NL0013158132	UMICO38.59BS OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013153067	UMICO42.58BS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0013006315	UMICO46.58BS OPENB	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0012993166	UMICO54.53BS OPENB	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	NL0012795975	UNILV LEVOPENZ	EUR	56,4700	56,4700	55,9200			55,9200					
Certificate	NL0012796015	UNILV SHROPEZ	EUR	38,8500	39,2600	38,8500			39,2600					
Certificate	NL0009937184	UNILV 15TL OPENB	EUR	35,3400	35,3400	35,3400			35,3400					
Certificate	NL0011044912	UNILV 28TL OPENH	EUR	23,2900	23,4100	23,2900			23,4100					
Certificate	NL0010919924	UNILV 29TL OPENB	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	DE000CX00476	UNILV 32TL OPENC	EUR	21,8600	21,8600	21,8600			21,8600					
Certificate	NL0011591599	UNILV 32TL OPENH	EUR	19,5500	19,6700	19,5500			19,6700					
Certificate	DE000CC60219	UNILV 33TL OPENC	EUR	20,0800	20,0800	20,0800			20,0800					
Certificate	NL0011591581	UNILV 33TL OPENH	EUR	18,5800	18,7000	18,5800			18,7000					
Certificate	NL0011423298	UNILV 34TL OPENH	EUR	17,6500	17,7600	17,6500			17,7600					
Certificate	DE000CW42AF6	UNILV 35TL OPENC	EUR	19,0900	19,0900	19,0900			19,0900					
Certificate	DE000CW42RF0	UNILV 35TL OPENC	EUR	19,2900	19,2900	19,2900			19,2900					
Certificate	DE000CW42WU9	UNILV 36TL OPENC	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	DE000CW42VU1	UNILV 36TL OPENC	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	DE000CV8ABV7	UNILV 37TL 1218Z	EUR	2,5400	2,5400	2,5200			2,5200					
Certificate	DE000CJ3N7N1	UNILV 40TL 1218Z	EUR	1,9400	1,9400	1,9200			1,9200					
Certificate	DE000CY16CD7	UNILV 40TL OPENC	EUR	13,3900	13,3900	13,3900			13,3900					
Certificate	DE000CY16AZ4	UNILV 40TL OPENC	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0013182058	UNILV 40TL OPENH	EUR	12,0700	12,1800	12,0700			12,1800					
Certificate	DE000VA71UD4	UNILV 41TL 0319V	EUR	8,1650	8,1650	8,1650			8,1650					
Certificate	DE000VA7PWY9	UNILV 42TL 0319V	EUR	7,1750	7,1750	7,1750			7,1750					
Certificate	DE000CP07AK3	UNILV 42TL OPENC	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CP06XH3	UNILV 42TL OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0013182041	UNILV 42TL OPENH	EUR	10,2000	10,3200	10,2000			10,3200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PTL2	UNILV 43TL 0319V	EUR	6,1950	6,1950	6,1950			6,1950					
Certificate	DE000VA320C4	UNILV 43TL 1218V	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000CV8ABW5	UNILV 43TL 1218Z	EUR	1,3500	1,3500	1,3300			1,3300					
Certificate	NL0013182033	UNILV 43TL OPENH	EUR	9,2700	9,4400	9,2700			9,4400					
Certificate	DE000VA7PTM0	UNILV 44TL 0319V	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	DE000VA320D2	UNILV 44TL 1218V	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	DE000CP07AL1	UNILV 44TL OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CP06XJ9	UNILV 44TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0013182025	UNILV 44TL OPENH	EUR	8,3400	8,5100	8,3400			8,5100					
Certificate	DE000VA7PTN8	UNILV 45TL 0319V	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	DE000VA320E0	UNILV 45TL 1218V	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	DE000CQ5AX37	UNILV 45TL OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CQ5B3L1	UNILV 45TL OPENC	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0013182017	UNILV 45TL OPENH	EUR	7,4100	7,5800	7,4100			7,5800					
Certificate	DE000VA8FS55	UNILV 46TL 0319V	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000VA8FS48	UNILV 46TL 1218V	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000CQ5BZH6	UNILV 46TL OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CP235B0	UNILV 46TL OPENC	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0013182009	UNILV 46TL OPENH	EUR	6,4800	6,6500	6,4800			6,6500					
Certificate	LU1876932762	UNILV 47TCIOPENS	EUR	2,5300	2,5300	2,5000			2,5000					
Certificate	DE000VA9CXG8	UNILV 47TL 0319V	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0013181993	UNILV 47TL OPENH	EUR	5,5500	5,7200	5,5500			5,7200					
Certificate	LU1876932846	UNILV 48TCIOPENS	EUR	1,5400	1,5400	1,5100			1,5100					
Certificate	DE000VA9C2H0	UNILV 48TL 0319V	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CP235C8	UNILV 48TL OPENC	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013181985	UNILV 48TL OPENH	EUR	4,6200	4,7900	4,6200			4,7900					
Certificate	LU1876939189	UNILV 49TCIOPENS	EUR											
Certificate	NL0012648877	UNILV 50BON0619Z	EUR	50,7850	50,7850	50,7050			50,7050					
Certificate	DE000VA7PTG2	UNILV 50TS 0319V	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000VA6D5N3	UNILV 50TS 1218V	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CQ5BZJ2	UNILV 50TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000VA7PTH0	UNILV 51TS 0319V	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000VA320J9	UNILV 51TS 1218V	EUR	2,3800	2,3800	2,1550	4,5400	2	2,1550	2				
Certificate	DE000VA7PTJ6	UNILV 52TS 0319V	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000VA320K7	UNILV 52TS 1218V	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	NL0012648356	UNILV 53BOC0619Z	EUR	52,1800	52,1800	52,1450			52,1450					
Certificate	LU1876939262	UNILV 53TCIOPENS	EUR	3,9900	4,0100	3,9900			4,0100					
Certificate	DE000VA7PTK4	UNILV 53TS 0319V	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	DE000VA320L5	UNILV 53TS 1218V	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	NL0013181969	UNILV 53TS OPENH	EUR	8,0200	8,1200	8,0200			8,1200					
Certificate	LU1876939429	UNILV 54TCIOPENS	EUR	4,9800	5,0000	4,9800			5,0000					
Certificate	DE000CP235D6	UNILV 54TS OPENC	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0013181951	UNILV 54TS OPENH	EUR	9,1000	9,2000	9,1000			9,2000					
Certificate	LU1876939775	UNILV 55TCIOPENS	EUR	5,9700	5,9900	5,9700			5,9900					
Certificate	DE000VASEL23	UNILV 55TS 1218V	EUR	5,9050	5,9050	5,9050			5,9050					
Certificate	DE000CP067Y9	UNILV 55TS OPENC	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000CQ5B0R4	UNILV 55TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CY16SF8	UNILV 55TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CY50396	UNILV 55TS OPENC	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0013181944	UNILV 55TS OPENH	EUR	10,1800	10,2800	10,1800			10,2800					
Certificate	LU1876939932	UNILV 56TCIOPENS	EUR	6,9600	6,9900	6,9600			6,9900					
Certificate	LU1876940278	UNILV 58TCIOPENS	EUR	8,9500	8,9700	8,9500			8,9700					
Certificate	NL0013181936	UNILV 59TS OPENH	EUR	14,5000	14,5500	14,5000			14,5500					
Certificate	DE000CQ5AHT1	UNILV 60TS OPENC	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000CY16H29	UNILV 60TS OPENC	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000CY16GE6	UNILV 60TS OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000CQ5BHR3	UNILV 60TS OPENC	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	NL0013181928	UNILV 64TS OPENH	EUR	19,9100	19,9500	19,9100			19,9500					
Certificate	NL0013181910	UNILV 67TS OPENH	EUR	23,1500	23,1900	23,1500			23,1900					
Certificate	NL0013181902	UNILV 70TS OPENH	EUR	26,3900	26,4300	26,3900			26,4300					
Certificate	NL0013181894	UNILV 73TS OPENH	EUR	29,6300	29,6700	29,6300			29,6700					
Certificate	NL0013181886	UNILV 76TS OPENH	EUR	32,8700	32,9100	32,8700			32,9100					
Certificate	NL0013181878	UNILV 79TS OPENH	EUR	36,1100	36,1500	36,1100			36,1500					
Certificate	NL0009258631	UNILV 11.6TL OPENB	EUR	38,4800	38,4800	38,4800			38,4800					
Certificate	NL0010012126	UNILV 17.9TL OPENB	EUR	32,6300	32,6300	32,6300			32,6300					
Certificate	NL0010174850	UNILV 19.2TL OPENB	EUR	31,4400	31,4400	31,4400			31,4400					
Certificate	NL0011044946	UNILV 21.6TL OPENH	EUR	29,2400	29,3500	29,2400			29,3500					
Certificate	NL0010875399	UNILV 23.1TL OPENB	EUR	27,7800	27,7800	27,7800			27,7800					
Certificate	NL0010899266	UNILV 26.4TL OPENB	EUR	24,7400	24,7400	24,7400			24,7400					
Certificate	NL0011044904	UNILV 30.1TL OPENH	EUR	21,3000	21,4200	21,3000			21,4200					
Certificate	NL0011436274	UNILV 31.6TL OPENB	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	NL0012036073	UNILV 34.3TL OPENB	EUR	17,4000	17,4000	17,4000			17,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1841031179	UNILV 36.3TCIOPENS	EUR	13,3900	13,3900	13,3700			13,3700					
Certificate	NL0012112320	UNILV 36.87L OPENB	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	DE000VN6ZDV1	UNILV 37.97L OPENV	EUR	12,7550	12,7550	12,7550			12,7550					
Certificate	DE000VN6ZDX7	UNILV 38.97L OPENV	EUR	11,7250	11,7250	11,7250			11,7250					
Certificate	NL0012112569	UNILV 39.47L OPENB	EUR											
Certificate	DE000VN6ZD22	UNILV 39.97L OPENV	EUR	10,6950	10,6950	10,6950			10,6950					
Certificate	DE000VN6ZD12	UNILV 40.97L OPENV	EUR	9,6650	9,6650	9,6650			9,6650					
Certificate	NL0012777940	UNILV 41.97L OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	DE000VN6ZD20	UNILV 41.97L OPENV	EUR	8,6350	8,6350	8,6350			8,6350					
Certificate	DE000VL8XHA9	UNILV 42.47L OPENV	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	NL0012785968	UNILV 44.57L OPENB	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0013152614	UNILV 47.17L OPENB	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000VA9C167	UNILV 47.97L OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0011044839	UNILV 50.27S OPENH	EUR	5,0400	5,1300	5,0400			5,1300					
Certificate	NL0013148851	UNILV 51.18OC1219B	EUR	48,5800	48,5800	48,5800			48,5800					
Certificate	NL0012112411	UNILV 52.47S OPENB	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0011423231	UNILV 55.97S OPENH	EUR	11,1000	11,2000	11,1000			11,2000					
Certificate	NL0012774459	UNILV 57.47S OPENB	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0011423223	UNILV 58.77S OPENH	EUR	14,1200	14,1700	14,1200			14,1700					
Certificate	NL0012982581	UNILV 62.47S OPENB	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	DE000C20HND8	UNILV27.367L OPENZ	EUR	22,1400	22,1400	22,0400			22,0400					
Certificate	DE000CF80ZW3	UNILV27.677L OPENC	EUR	25,6100	25,6100	25,6100			25,6100					
Certificate	DE000CC3ZFV9	UNILV28.817L OPENC	EUR	24,4200	24,4200	24,4200			24,4200					
Certificate	DE000CRAJEN4	UNILV31.977L OPENZ	EUR	17,5300	17,5300	17,4300			17,4300					
Certificate	NL0011442447	UNILV32.318L OPENB	EUR	17,2300	17,2300	17,2300			17,2300					
Certificate	NL0011442454	UNILV35.038L OPENB	EUR	14,5000	14,5000	14,5000			14,5000					
Certificate	DE000CN6EXD5	UNILV35.627L OPENZ	EUR	13,8700	13,8700	13,7700			13,7700					
Certificate	DE000VN6Y2P3	UNILV36.117L OPENV	EUR	14,8150	14,8150	14,8150			14,8150					
Certificate	DE000VN6Y2Q1	UNILV37.117L OPENV	EUR	13,7850	13,7850	13,7850			13,7850					
Certificate	NL0012112452	UNILV37.648L OPENB	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000CJ3P364	UNILV37.757L 0319Z	EUR	2,3200	2,3200	2,3000			2,3000					
Certificate	DE000CE6BP07	UNILV38.617L OPENZ	EUR	10,8800	10,8800	10,7700			10,7700					
Certificate	NL0012684534	UNILV40.328L OPENB	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000VN6ZDP3	UNILV40.867L OPENV	EUR											
Certificate	DE000CJ3P372	UNILV41.257L 0319Z	EUR	1,6300	1,6300	1,6100			1,6100					
Certificate	DE000CE6B5D2	UNILV41.597L OPENZ	EUR	7,9300	7,9300	7,8300			7,8300					
Certificate	LU1696513966	UNILV41.947C1OPENS	EUR	8,1100	8,1100	8,0900			8,0900					
Certificate	NL0012778476	UNILV42.858L OPENB	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000VA1B3Q8	UNILV43.447L OPENV	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	LU1719638774	UNILV43.687C1OPENS	EUR	6,1800	6,1800	6,1500			6,1500					
Certificate	DE000VA1B3T2	UNILV44.447L OPENV	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000CJ3QAV2	UNILV44.757L 0319Z	EUR	0,9350	0,9350	0,9200			0,9200					
Certificate	DE000CJ3PGB3	UNILV45.077L OPENZ	EUR	0,8900	0,8900	0,8700			0,8700					
Certificate	DE000VA711J7	UNILV45.187L OPENV	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	NL0013014350	UNILV45.418L OPENB	EUR	3,6600	4,1300	3,6500	15140,0000	2	4,1300	4000				
Certificate	LU1841153445	UNILV45.727C1OPENS	EUR	4,0200	4,0200	4,0000			4,0000					
Certificate	DE000VA8F5T6	UNILV46.187L OPENV	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000VA9CUX9	UNILV46.887L OPENV	EUR	2,2300	2,6700	2,2050	1225,0000	2	2,6150	500				
Certificate	LU1817099523	UNILV51.037P1OPENS	EUR	1,3200	1,3500	1,3200			1,3500					
Certificate	NL0012112692	UNILV51.218S OPENB	EUR	2,6500	2,6500	2,0700	28390,0000	9	2,2800	12000				
Certificate	DE000CF6CSJ7	UNILV52.787S OPENZ	EUR	0,7000	0,8000	0,7000	400,0000	1	0,7200	500				
Certificate	LU1756907785	UNILV53.217P1OPENS	EUR	2,6900	2,7100	2,6900			2,7100					
Certificate	NL0012494660	UNILV53.258OC1218B	EUR	53,1200	53,1200	53,1200			53,1200					
Certificate	DE000VN66T32	UNILV54.217S OPENV	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000VN66T40	UNILV55.217S OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0012258560	UNILV55.968S OPENB	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000VN66XU5	UNILV57.057S OPENV	EUR	3,9350	3,9350	3,9350			3,9350					
Certificate	DE000CV888N3	UNILV57.767S OPENZ	EUR	1,6900	1,7100	1,6900			1,7100					
Certificate	DE000VA5EL15	UNILV57.867S OPENV	EUR	7,9750	7,9750	7,9750			7,9750					
Certificate	DE000VL2FTF3	UNILV58.497S OPENV	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0012792253	UNILV60.888S OPENB	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CV8AGS2	UNILV62.767S OPENZ	EUR	2,6900	2,7100	2,6900			2,7100					
Certificate	NL0012905061	UNITA 147S OPENH	EUR	3,5500	3,5500	3,3500			3,3500					
Certificate	NL0012936876	UNITA 157S OPENH	EUR	4,6100	4,6100	4,4000			4,4000					
Certificate	NL0012926430	UNITA 187S OPENH	EUR	7,8800	7,8800	7,6800			7,6800					
Certificate	NL0013087315	UNITA 9.17L OPENH	EUR	3,0700	3,4400	3,0700			3,4400					
Certificate	NL0013083090	UNITA 9.67L OPENH	EUR	2,5900	2,9600	2,5900			2,9600					
Certificate	NL0013083082	UNITA 10.17L OPENH	EUR	2,1300	2,5000	2,1300			2,5000					
Certificate	NL0013184666	UNITA 10.47L OPENH	EUR	1,8000	2,1700	1,8000			2,1700					
Certificate	NL0013185374	UNITA 10.97L OPENH	EUR	1,3400	1,7100	1,3400			1,7100					
Certificate	NL0013183700	UNITA 11.27S OPENH	EUR											
Certificate	NL0013132871	UNITA 11.77S OPENH	EUR	1,0800	1,0800	1,0800			1,0800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012907034	UNITA 12.7TS OPENH	EUR	2,1800	2,1800	1,9700			1,9700					
Certificate	NL0012906671	UNITA 12.9TS OPENH	EUR	2,3900	2,3900	2,1800			2,1800					
Certificate	NL0012905079	UNITA 13.8TS OPENH	EUR	3,3400	3,3400	3,1300			3,1300					
Certificate	NL0012936892	UNITA 14.3TS OPENH	EUR	3,8700	3,8700	3,6600			3,6600					
Certificate	NL0012936884	UNITA 14.6TS OPENH	EUR	4,1900	4,1900	3,9800			3,9800					
Certificate	NL0012935647	UNITA 14.7TS OPENH	EUR	4,3800	4,3800	4,1700			4,1700					
Certificate	NL0012914857	UNITA 15.1TS OPENH	EUR	4,7800	4,7800	4,5700			4,5700					
Certificate	NL0012914840	UNITA 15.4TS OPENH	EUR	5,0900	5,0900	4,8900			4,8900					
Certificate	NL0012914832	UNITA 15.6TS OPENH	EUR	5,3000	5,3000	5,1000			5,1000					
Certificate	NL0012934616	UNITA 15.9TS OPENH	EUR	5,6400	5,6400	5,4300			5,4300					
Certificate	NL0012914824	UNITA 16.1TS OPENH	EUR	5,8300	5,8300	5,6200			5,6200					
Certificate	NL0012914816	UNITA 16.6TS OPENH	EUR	6,3500	6,3500	6,1400			6,1400					
Certificate	NL0012914808	UNITA 17.1TS OPENH	EUR	6,8700	6,8700	6,6700			6,6700					
Certificate	NL0012914790	UNITA 17.6TS OPENH	EUR	7,4000	7,4000	7,1900			7,1900					
Certificate	NL0012914782	UNITA 20.5TS OPENH	EUR	10,5500	10,5500	10,3400			10,3400					
Certificate	DE000CJ3NYC9	UNITA10.16TL OPENZ	EUR	1,4650	1,6550	1,4650			1,6550					
Certificate	DE000CJ3PLP3	UNITA6.662TL OPENZ	EUR	4,9350	5,1200	4,9350			5,1200					
Certificate	DE000CJ3QFB3	UNITA8.264TL OPENZ	EUR	3,3350	3,5250	3,3350			3,5250					
Certificate	DE000CV8A7T3	UNITA9.165TL OPENZ	EUR	2,4450	2,6350	2,4450			2,6350					
Certificate	DE000CN6JL79	UPC 79.55TL OPENZ	EUR	3,0200	3,1300	3,0200			3,1300					
Certificate	NL0012795991	URW LEVOPENZ	EUR	31,4300	31,4300	29,6900			29,6900					
Certificate	NL0012796031	URW SHROPENZ	EUR	64,4800	68,2000	64,4800			68,2000					
Certificate	DE000CP06XD2	URW 120TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CP07AE6	URW 120TL OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CP07AF3	URW 140TL OPENC	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CP232Q5	URW 150TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CP07AG1	URW 150TL OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP235A2	URW 160TS OPENC	EUR											
Certificate	DE000CP07AH9	URW 170TS OPENC	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CP06XF7	URW 170TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012796395	URW 179BOC1219Z	EUR	157,5700	157,5700	156,4800			156,4800					
Certificate	DE000CP07AJ5	URW 180TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CP06XG5	URW 180TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012796387	URW 181BOC0919Z	EUR	159,2600	159,2600	157,7800			157,7800					
Certificate	NL0012796288	URW 189BON0919Z	EUR	163,2300	163,2300	161,2100			161,2100					
Certificate	NL0012796296	URW 189BON1219Z	EUR	160,7400	160,7400	158,9000			158,9000					
Certificate	NL0012795645	URW 204BOC0919Z	EUR	155,1300	155,1300	152,4900			152,4900					
Certificate	NL0012648844	URW 205BON1218Z	EUR	197,1700	197,1700	194,4650			194,4650					
Certificate	NL0012648851	URW 208BON0619Z	EUR	177,3150	177,3150	174,7150			174,7150					
Certificate	NL0012649222	URW 214BOC1218Z	EUR	199,6450	199,6450	194,6400			194,6400					
Certificate	NL0012649230	URW 224BOC0619Z	EUR	180,1300	180,1300	176,6900			176,6900					
Certificate	NL0011044748	URW 231TS OPENH	EUR	8,9900	9,1500	8,9900			9,1500					
Certificate	NL0012236319	URW 238BOC1218Z	EUR	159,5800	159,5800	157,8100			157,8100					
Certificate	NL0013011380	URW 129.8L OPENB	EUR	3,3500	3,3500	3,0800			3,0800					
Certificate	NL0012685986	URW 139.8L OPENB	EUR	2,3200	2,3300	2,0800	4480,0000	2	2,0800	2000				
Certificate	LU1841030957	URW 148.TCIOPENS	EUR	1,4400	1,4400	1,2300			1,2300					
Certificate	DE000CW42V55	URW 212.TS OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CV8B6Q0	URW 110.7TL OPENZ	EUR	2,4950	2,4950	2,4050			2,4050					
Certificate	NL0012789127	URW 115.2TL OPENB	EUR	5,2800	5,2800	5,0400	5727,0000	3	5,0400	1100				
Certificate	DE000CV505W4	URW 130.7TL OPENZ	EUR	1,4950	1,4950	1,4050			1,4050					
Certificate	DE000CQ5AFU3	URW 136.2TL OPENC	EUR	2,1000	2,1300	2,1000	1995,0000	1	2,1300	950				
Certificate	NL0013011794	URW 137.4TL OPENB	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	LU1841030874	URW 140.2TCIOPENS	EUR	2,2100	2,2100	2,0000			2,0000					
Certificate	DE000CV4ZUU5	URW 142.7TL OPENZ	EUR	0,8950	0,8950	0,8050	993,6500	2	0,8050	1190				
Certificate	NL0012686653	URW 147.4TL OPENB	EUR	2,0400	2,0400	2,0300	10200,0000	1	2,0400	5000				
Certificate	NL0012682462	URW 149.38L OPENB	EUR	1,0900	1,0900	1,0500	872,0000	1	1,0500	800				
Certificate	LU1841031096	URW 151.3TCIOPENS	EUR	1,1100	1,1100	0,9000			0,9000					
Certificate	DE000CX59L06	URW 151.3TL OPENC	EUR											
Certificate	DE000CX59QE7	URW 152.5TL OPENC	EUR											
Certificate	DE000CJ3QLZ0	URW 152.7TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013010671	URW 164.38S OPENB	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	LU1859831379	URW 165.8TPIOPENS	EUR	0,9000	1,1100	0,9000			1,1100					
Certificate	LU1841030015	URW 171.3TPIOPENS	EUR	1,4500	1,6600	1,4500			1,6600					
Certificate	DE000CJ3NSJ3	URW 175.5TS OPENZ	EUR	0,7950	0,8850	0,7950			0,8850					
Certificate	NL0013005002	URW 176.9TS OPENB	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012994446	URW 179.28S OPENB	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012681985	URW 194.18S OPENB	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CV501H4	URW 195.4TS OPENZ	EUR	1,7700	1,8600	1,7700			1,8600					
Certificate	NL0012683049	URW 196.7TS OPENB	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CY52MK6	URW 201.6TS OPENC	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012793095	URW 205.78OC1218B	EUR	157,3000	157,3000	157,3000			157,3000					
Certificate	NL0011443668	URW 213.48S OPENB	EUR	5,8100	5,8100	5,8100			5,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CC603M1	URW 213.7TS OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012275739	URW 216.1TS OPENB	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CE68X56	URW 217.4TS OPENZ	EUR	2,8700	2,9600	2,8700								
Certificate	DE000CW42RE3	URW 217.5TS OPENC	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CX00P36	URW 221.5TS OPENC	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CX017M9	URW 226.4TS OPENC	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CE6E2B6	USCAD1.108TL OPENZ	EUR	14,6800	14,6800	14,6800			14,6800					
Certificate	DE000CN6L915	USCAD1.171TL OPENZ	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	DE000CR6XLP0	USCAD1.235TL OPENZ	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	DE000CR9S8S0	USCAD1.374TS OPENZ	EUR	2,8200	3,1200	2,7600	2448,0000	6		3,1150	850			
Certificate	DE000CN6GQ28	USCAD1.442TS OPENZ	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CN6HP93	USCAD1.514TS OPENZ	EUR	12,4700	12,4700	12,4700			12,4700					
Certificate	NL0013151426	USCNH 6.58L OPENB	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0013151459	USCNH 7.48S OPENB	EUR	6,1050	6,1050	6,1050			6,1050					
Certificate	NL0013151418	USCNH 6.25BL OPENB	EUR	8,9750	8,9750	8,9750			8,9750					
Certificate	NL0013151434	USCNH 6.75BL OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000CV4Z969	USCNH5.893TL OPENZ	EUR	13,5350	13,5350	13,5350			13,5350					
Certificate	NL0013151442	USCNH7.151BS OPENB	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000CE6C915	USCNH7.356TS OPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0013153455	USCNH7.651BS OPENB	EUR	9,2850	9,2850	9,2850			9,2850					
Certificate	DE000CV8AVN2	USCNH7.856TS OPENZ	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CE6E2C4	USDCH0.807TL OPENZ	EUR	16,8250	16,8250	16,8250			16,8250					
Certificate	DE000CE6CEV2	USDCH0.854TL OPENZ	EUR	12,6250	12,6250	12,6250			12,6250					
Certificate	DE000CE6C8M2	USDCH0.917TL OPENZ	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CJ3NY20	USDCH0.957TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CE6C8Z4	USDCH1.024TS OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	DE000CE6CAR8	USDCH1.075TS OPENZ	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000CV88LV5	USDCH1.114TS OPENZ	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0012089965	USJPY 100TL OPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0012520183	USJPY 111TRLOPENH	EUR											
Certificate	NL0012981591	USJPY 121TS OPENB	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012089957	USJPY 101.TL OPENH	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0012089940	USJPY 102.TL OPENH	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0012089932	USJPY 103.TL OPENH	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012089924	USJPY 104.TL OPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0012919369	USJPY 109.TRLOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012520191	USJPY 111.TRLOPENH	EUR											
Certificate	NL0012903603	USJPY 111.TRLOPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012904858	USJPY 115.TRSOPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012895783	USJPY 116.TRSOPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012906184	USJPY 118.TRSOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CN6IQP2	USJPY 99.3TL OPENZ	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	NL0010374500	USJPY 99.8TL OPENB	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	DE000CN6JQN7	USJPY101.3TL OPENZ	EUR	9,6150	9,6150	9,6150			9,6150					
Certificate	NL0012028963	USJPY102.5TL OPENB	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0012688394	USJPY103.2BL OPENB	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0012436695	USJPY103.9TRLOPENH	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	NL0012492995	USJPY105.2BL OPENB	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0012615298	USJPY105.2TRLOPENH	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012785570	USJPY105.5TL OPENB	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012615256	USJPY106.2TRLOPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012846505	USJPY106.7TRLOPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012615231	USJPY106.7TRLOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012846471	USJPY106.9TRLOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012615215	USJPY107.1TRLOPENH	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0012790596	USJPY107.2BL OPENB	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0012615173	USJPY107.3TRLOPENH	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0012615132	USJPY107.5TRLOPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012615090	USJPY107.7TRLOPENH	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0012911242	USJPY107.9TRLOPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012089874	USJPY108.2TL OPENH	EUR											
Certificate	NL0012210926	USJPY108.2TRLOPENH	EUR											
Certificate	NL0012920623	USJPY108.3TRLOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012092787	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206361	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206346	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012206353	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012911218	USJPY108.5TRLOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0012092779	USJPY108.5TRLOPENH	EUR											
Certificate	NL0012979827	USJPY108.6TL OPENB	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012206320	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012206338	USJPY108.6TRLOPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012206312	USJPY108.7TRLOPENH	EUR											
Certificate	NL0012919138	USJPY108.8TRLOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012980056	USJPY109.2BL OPENB	EUR	3,5400	3,5400	3,5400				3,5400				
Certificate	NL0012924914	USJPY109.2TRLOPENH	EUR	3,5100	3,5100	3,5100				3,5100				
Certificate	NL0012925564	USJPY109.5TRLOPENH	EUR	3,2800	3,2800	3,2800				3,2800				
Certificate	NL0013082969	USJPY109.6TRLOPENH	EUR	3,1800	3,1800	3,1800				3,1800				
Certificate	NL0012891055	USJPY109.7TRLOPENH	EUR	3,1000	3,1000	3,1000				3,1000				
Certificate	NL0012891014	USJPY109.9TRLOPENH	EUR	2,9400	2,9400	2,9400				2,9400				
Certificate	NL0012890974	USJPY110.1TRLOPENH	EUR	2,7900	2,7900	2,7900				2,7900				
Certificate	NL0013081219	USJPY110.2TRLOPENH	EUR	2,6900	2,6900	2,6900				2,6900				
Certificate	NL0012901037	USJPY110.3TRLOPENH	EUR	2,6100	2,6100	2,6100				2,6100				
Certificate	NL0012900997	USJPY110.5TRLOPENH	EUR	2,4600	2,4600	2,4600				2,4600				
Certificate	NL0012520266	USJPY110.6TRLOPENH	EUR											
Certificate	NL0012901375	USJPY110.6TRLOPENH	EUR	2,3700	2,3700	2,3700				2,3700				
Certificate	NL0012901581	USJPY110.7TRLOPENH	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	NL0012520258	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520241	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012901995	USJPY110.8TRLOPENH	EUR	2,2600	2,2600	2,2600				2,2600				
Certificate	NL0012520225	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520233	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520209	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520217	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012901987	USJPY110.9TRLOPENH	EUR	2,1400	2,1400	2,1400				2,1400				
Certificate	NL0012903587	USJPY111.1TRLOPENH	EUR	1,9800	1,9800	1,9800				1,9800				
Certificate	NL0012903595	USJPY111.1TRLOPENH	EUR	2,0200	2,0200	2,0200				2,0200				
Certificate	NL0012520175	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012520167	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012520159	USJPY111.2TRLOPENH	EUR											
Certificate	NL0012903579	USJPY111.2TRLOPENH	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	NL0012903561	USJPY111.2TRLOPENH	EUR	1,9000	1,9000	1,9000				1,9000				
Certificate	NL0013128937	USJPY111.7TRLOPENH	EUR	1,5600	1,5600	1,5600				1,5600				
Certificate	NL0012209944	USJPY111.8TRSOPENH	EUR											
Certificate	NL0012209951	USJPY111.8TRSOPENH	EUR											
Certificate	NL0013130842	USJPY111.9TRLOPENH	EUR	1,3600	1,3600	1,3600				1,3600				
Certificate	NL0012209936	USJPY111.9TRSOPENH	EUR											
Certificate	NL0013132483	USJPY112.2TRLOPENH	EUR	1,1600	1,1600	1,1600				1,1600				
Certificate	NL0013183387	USJPY113.7TRSOPENH	EUR											
Certificate	NL0013182686	USJPY113.9TRSOPENH	EUR											
Certificate	NL0012904866	USJPY114.2TRSOPENH	EUR	0,3800	0,5100	0,3800	215,5000	3	0,4000	500				
Certificate	NL0013079866	USJPY114.3TRSOPENH	EUR	0,4900	0,4900	0,4900				0,4900				
Certificate	NL0012906424	USJPY114.4TRSOPENH	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	NL0013078215	USJPY114.5TRSOPENH	EUR	0,7000	0,7000	0,7000				0,7000				
Certificate	NL0012905749	USJPY114.6TRSOPENH	EUR	0,7500	0,7500	0,7500				0,7500				
Certificate	NL0012906416	USJPY114.7TRSOPENH	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	NL0012276687	USJPY114.8BS OPENB	EUR	0,9800	0,9800	0,9800				0,9800				
Certificate	NL0012906200	USJPY114.8TRSOPENH	EUR	0,9100	0,9100	0,9100				0,9100				
Certificate	NL0012089692	USJPY114.8TS OPENH	EUR	1,5100	1,5100	1,5100				1,5100				
Certificate	NL0012906408	USJPY115.1TRSOPENH	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	NL0012906192	USJPY115.3TRSOPENH	EUR	1,3000	1,3000	1,3000				1,3000				
Certificate	NL0013078207	USJPY115.5TRSOPENH	EUR	1,4300	1,4300	1,4300				1,4300				
Certificate	NL0012907414	USJPY115.6TRSOPENH	EUR	1,5200	1,5200	1,5200				1,5200				
Certificate	NL0012089684	USJPY115.7TS OPENH	EUR	2,2400	2,2400	2,2400				2,2400				
Certificate	NL0012036453	USJPY116.1TS OPENB	EUR	3,6000	3,6000	3,6000				3,6000				
Certificate	NL0012901946	USJPY116.7TRSOPENH	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	NL0012089676	USJPY116.7TS OPENH	EUR	2,9800	2,9800	2,9800				2,9800				
Certificate	NL0012904841	USJPY117.2TRSOPENH	EUR	2,7900	2,7900	2,7900				2,7900				
Certificate	NL0012089668	USJPY117.6TS OPENH	EUR	3,7100	3,7100	3,7100				3,7100				
Certificate	NL0012980064	USJPY117.8BS OPENB	EUR	3,3000	3,3000	3,3000				3,3000				
Certificate	NL0013182678	USJPY117.9TRSOPENH	EUR	3,3100	3,3100	3,3100				3,3100				
Certificate	NL0013085939	USJPY118.1TRSOPENH	EUR	3,4200	3,4200	3,4200				3,4200				
Certificate	NL0012089650	USJPY118.5TS OPENH	EUR	4,4500	4,4500	4,4500				4,4500				
Certificate	NL0012907406	USJPY118.8TRSOPENH	EUR	4,0200	4,0200	4,0200				4,0200				
Certificate	NL0013132467	USJPY118.8TRSOPENH	EUR	3,9700	3,9700	3,9700				3,9700				
Certificate	NL0012089643	USJPY119.5TS OPENH	EUR	5,1800	5,1800	5,1800				5,1800				
Certificate	NL0012089635	USJPY120.4TS OPENH	EUR	5,9200	5,9200	5,9200				5,9200				
Certificate	NL0013003544	USJPY120.8BS OPENB	EUR	5,6200	5,6200	5,6200				5,6200				
Certificate	DE000CR6YA82	USJPY120.8TS OPENZ	EUR	5,4100	5,5300	5,4100	3246,0000	1		600				
Certificate	NL0012089627	USJPY121.4TS OPENH	EUR	6,6500	6,6500	6,6500				6,6500				
Certificate	NL0012089619	USJPY122.3TS OPENH	EUR	7,3900	7,3900	7,3900				7,3900				
Certificate	DE000CJ3P976	USJPY130.7TS OPENZ	EUR	13,2700	13,2700	13,2700				13,2700				
Certificate	NL0012581318	USJPY94.09TL OPENH	EUR	15,9500	15,9500	15,9500				15,9500				
Certificate	DE000CN6KZL0	USJPY95.25TL OPENZ	EUR	14,3100	14,3100	14,3100				14,3100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012089981	USJPY97.18TL OPENH	EUR	13,5700	13,5700	13,5700			13,5700					
Certificate	DE000CNGKWF9	USJPY97.25TL OPENZ	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	NL0012089973	USJPY98.99TL OPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0011232863	USJPY99.25TL OPENH	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	DE000CV507U4	UU 4.738TL OPENZ	EUR	1,8300	1,8300	1,8000			1,8000					
Certificate	DE000CE6F694	UU 5.746TL OPENZ	EUR	1,2600	1,2600	1,2300			1,2300					
Certificate	DE000C3PSM5	UU 6.744TL OPENZ	EUR	0,6900	0,6900	0,6700			0,6700					
Certificate	DE000C3JNL09	VALE 12.8TL OPENZ	EUR											
Certificate	DE000C3QJ77	VALE 9.19TL OPENZ	EUR	3,7050	4,0750	3,7050			4,0750					
Certificate	DE000CV8ATK2	VALE 10.69TL OPENZ	EUR	2,4450	2,8250	2,4450			2,8250					
Certificate	DE000C3NS28	VALE 14.24TL OPENZ	EUR											
Certificate	DE000C3PPV2	VALEO17.94TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000C3PFY7	VALEO20.44TL OPENZ	EUR	0,4400	0,4700	0,4400	9100,0000	2	0,4700	20000				
Certificate	DE000C3PRA2	VALEO23.44TL OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0013158314	VALOU 2TL OPENB	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013154701	VALOU 1.5TL OPENB	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0012935514	VALOU 5.4TS OPENH	EUR											
Certificate	NL0012865042	VALOU 5.8TS OPENH	EUR											
Certificate	NL0012243364	VALOU 6.6TS OPENH	EUR											
Certificate	NL0013156862	VALOU 1.25TL OPENB	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013158306	VALOU 1.75TL OPENB	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000C3QLX5	VALOU 1.85TL OPENZ	EUR	0,0995	0,0995	0,0995			0,0995					
Certificate	NL0013155062	VALOU 2.18TS OPENB	EUR											
Certificate	NL0013186174	VALOU 2.21TS OPENH	EUR											
Certificate	NL0013154677	VALOU 2.68TS OPENB	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013182462	VALOU 3.11TS OPENH	EUR											
Certificate	NL0013154685	VALOU 3.18TS OPENB	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013154305	VALOU 3.68TS OPENB	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013182066	VALOU 3.91TS OPENH	EUR											
Certificate	NL0013133218	VALOU 4.11TS OPENH	EUR											
Certificate	NL0013152044	VALOU 4.18TS OPENB	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0013128556	VALOU 4.41TS OPENH	EUR											
Certificate	NL0013015787	VALOU 4.68TS OPENB	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012245013	VALOU 6.21TS OPENH	EUR											
Certificate	NL0012172456	VALOU 6.56TS OPENH	EUR											
Certificate	NL0012212104	VALOU 6.59TS OPENH	EUR											
Certificate	DE000C3QGP1	VALOU1.201TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000C3QDZ7	VALOU1.501TL OPENZ	EUR	0,2300	0,2300	0,1600	563,0000	3	0,1800	3000				
Certificate	DE000CV8AU1	VASTN 21.8TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000CV8BCW1	VASTN19.65TL OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000CV8B9G5	VASTN23.91TL OPENZ	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	DE000CE6C5V9	VASTN26.05TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012999411	VASTN27.07TL OPENB	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012999429	VASTN29.07TL OPENB	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CE6C4C2	VASTN29.71TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	NL0012999437	VASTN31.08TL OPENB	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000C3QJD1	VASTN32.21TL OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0013157480	VASTN33.08TL OPENB	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013155070	VASTN33.86TS OPENB	EUR											
Certificate	NL0012999452	VASTN37.86TS OPENB	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0013006042	VASTN41.89TS OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012120760	VEOLI 15TL OPENB	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	NL0010442836	VEOLI 5.7TL OPENB	EUR	13,7850	13,7850	13,7850			13,7850					
Certificate	NL0010905683	VEOLI 11.2TL OPENB	EUR	8,5950	8,6450	8,5950			8,6450					
Certificate	NL0013146079	VEOLI 17.1TL OPENB	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0012700942	VEOLI 20.9TS OPENB	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000C3PAJ9	VEOLI10.96TL OPENZ	EUR	1,6250	1,6550	1,6250			1,6550					
Certificate	DE000CV88210	VEOLI12.97TL OPENZ	EUR	1,2250	1,2450	1,2250			1,2450					
Certificate	DE000CV4ZRL0	VEOLI14.97TL OPENZ	EUR	0,8250	0,8450	0,8250			0,8450					
Certificate	DE000C3P117	VEOLI16.95TL OPENZ	EUR	0,4250	0,4550	0,4250			0,4550					
Certificate	NL0012264451	VESTA 608TS OPENB	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	NL0010895082	VESTA164.5TL OPENB	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	DE000CV4YTR6	VESTA282.2TL OPENZ	EUR	2,8150	2,8150	2,8150			2,8150					
Certificate	NL0012509533	VESTA316.8TL OPENB	EUR	2,8850	2,9350	2,8850	727,5000	1	2,9350	250				
Certificate	DE000CE6FIJ9	VESTA322.1TL OPENZ	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0012511919	VESTA342.2TL OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	DE000CV4Z019	VESTA366.8TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000C3P4N6	VESTA421.9TL OPENZ	EUR	0,9450	1,0000	0,9450	1000,0000	1	1,0000	1000				
Certificate	NL0000691046	VIETN PI OPENN	EUR	6,1700	6,1700	6,1500			6,1500					
Certificate	NL0012259733	VINCI 71TL OPENB	EUR	12,3300	12,3300	12,3300			12,3300					
Certificate	NL0011249156	VINCI 43.6TL OPENB	EUR	37,6600	37,6600	37,6600			37,6600					
Certificate	NL0012034953	VINCI 48.8TL OPENB	EUR	32,8600	32,8600	32,8600			32,8600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AYSS	VINCI 49.2TL OPENZ	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	NL0012115695	VINCI 64.3TL OPENB	EUR	18,5300	18,5300	18,5300			18,5300					
Certificate	NL0012995260	VINCI 83.7TS OPENB	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	NL0012792014	VINCI 88.5TS OPENB	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	DE000CE6CCB8	VINCI59.26TL OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CE6CCX2	VINCI67.22TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CJ3PLQ1	VINCI74.21TL OPENZ	EUR	0,4850	0,5100	0,4500	488,8200	4	0,4850	1006				
Certificate	NL0012494447	VIVEN 20TL OPENB	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	NL0011900642	VIVEN 14.9TL OPENB	EUR	8,1850	8,1850	8,1650			8,1650					
Certificate	NL0012260178	VIVEN 17.4TL OPENB	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0012536833	VIVEN 24.1TS OPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012699748	VIVEN 24.3TS OPENB	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	NL0011226519	VIVEN13.06TL OPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CN6GMU7	VIVEN13.77TL OPENZ	EUR											
Certificate	DE000CD61L97	VIVEN15.25TL OPENZ	EUR											
Certificate	NL0012237630	VIVEN15.96TL OPENH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0012214720	VIVEN16.98TL OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012214712	VIVEN17.49TL OPENH	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012245005	VIVEN18.01TL OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CE6D9M9	VIVEN18.23TL OPENZ	EUR											
Certificate	NL0011995899	VIVEN18.98TL OPENH	EUR											
Certificate	NL0012437776	VIVEN19.51TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012439764	VIVEN19.53TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012593578	VIVEN20.43TL OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0013182454	VIVEN20.98TL OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0013184799	VIVEN21.51TS OPENH	EUR											
Certificate	NL0012934293	VIVEN22.78TS OPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012909816	VIVEN23.12TS OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012561070	VIVEN23.31TS OPENH	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0012311120	VIVEN24.73TS OPENH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0013085459	VIVEN25.95TS OPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012556419	VIVEN26.24TS OPENH	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0012545735	VIVEN26.62TS OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012526230	VIVEN26.98TS OPENH	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012536825	VIVEN27.03TS OPENH	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012556401	VIVEN29.18TS OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0011226451	VIVEN30.37TS OPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CE6CDZ5	VIX LEVOPENZ	EUR	4,6240	4,6240	4,6240			4,6240					
Certificate	DE000CE6CE09	VIX SHROPENZ	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0010129144	VIX 73TS OPENB	EUR	55,6400	55,6400	55,6400			55,6400					
Certificate	DE000CV4YUQ6	VIX 6.6TL OPENZ	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	DE000CE6F4D7	VIX 8.3TL OPENZ	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	DE000CV4Z2F8	VIX 5.45TL OPENZ	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	DE000CV4YUR4	VIX 6.03TL OPENZ	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	NL0012682025	VIX 6.62TL OPENB	EUR	11,3200	11,3200	10,5900	339,6000	1	10,5900	30				
Certificate	NL0010289385	VIX 60.9TS OPENB	EUR	43,7700	43,7700	43,7700			43,7700					
Certificate	DE000CE6FNTO	VIX 7.16TL OPENZ	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000CE6F4E5	VIX 7.74TL OPENZ	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CV4ZTL6	VIX 8.83TL OPENZ	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0013002702	VIX 9.16TL OPENB	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	DE000CV4ZTM4	VIX 9.38TL OPENZ	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0012682512	VIX 9.65TL OPENB	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0013006349	VIX 11.16TL OPENB	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CV87KZ0	VIX 11.56TL OPENZ	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0013011067	VIX 12.64TL OPENB	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0009261692	VIX 127.3TS OPENB	EUR	10,8750	10,8750	10,8750			10,8750					
Certificate	NL0012793954	VIX 13.62TL OPENB	EUR											
Certificate	NL0013011075	VIX 13.66TL OPENB	EUR	5,3300	5,3300	4,9500	1066,0000	1	4,9500	200				
Certificate	DE000CJ3N4I6	VIX 14.61TL OPENZ	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0013011083	VIX 14.66TL OPENB	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0013011091	VIX 15.65TL OPENB	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0006518987	VIX 153.2TS OPENB	EUR	13,4150	13,4150	13,4150			13,4150					
Certificate	NL0013011109	VIX 16.15TL OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013151772	VIX 16.65TL OPENB	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0006518995	VIX 161.4TS OPENB	EUR	14,2150	14,2150	14,2150			14,2150					
Certificate	NL0013152408	VIX 17.15TL OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013153141	VIX 17.64TL OPENB	EUR	2,2300	2,2300	1,7400	1557,0000	3	1,7400	700				
Certificate	NL0013153158	VIX 18.14TL OPENB	EUR											
Certificate	NL0013155609	VIX 18.64TL OPENB	EUR											
Certificate	NL0013156789	VIX 19.14TL OPENB	EUR											
Certificate	NL0013145428	VIX 22.05TS OPENB	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0013018542	VIX 24.04TS OPENB	EUR	7,2400	7,6500	7,0300	9708,8000	3	7,6500	1370				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012688055	VIX 26.02TS OPENB	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000CV87L38	VIX 26.04TS OPENZ	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	DE000CV87L46	VIX 29.79TS OPENZ	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	NL0012684039	VIX 29.96TS OPENB	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CD61XR3	VIX 33.56TS OPENZ	EUR	23,9950	23,9950	23,9950			23,9950					
Certificate	NL0011911706	VIX 35.82TS OPENB	EUR	19,1300	19,1300	19,1300			19,1300					
Certificate	DE000CD61XQ5	VIX 37.18TS OPENZ	EUR	28,3600	28,3600	28,3600			28,3600					
Certificate	NL0011911714	VIX 40.62TS OPENB	EUR	23,7100	23,8600	23,7100	1161,7900	1	23,8600	49				
Certificate	DE000CD61XP7	VIX 40.81TS OPENZ	EUR	32,6300	32,6300	32,6300			32,6300					
Certificate	DE000CN6VU2	VIX 44.44TS OPENZ	EUR	36,8900	36,8900	36,8900			36,8900					
Certificate	DE000CR4HP62	VIX 48.77TS OPENZ	EUR	41,9700	41,9700	41,9700			41,9700					
Certificate	DE000CN6EQ87	VIX 53.04TS OPENZ	EUR	47,0000	47,0000	47,0000			47,0000					
Certificate	DE000CN6EQ95	VIX 57.31TS OPENZ	EUR	52,0100	52,0100	52,0100			52,0100					
Certificate	DE000CE6CR04	VLAN 17.3TL OPENZ	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CE6CR12	VLAN 15.17TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CE6CNL4	VLAN 19.42TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0006475295	VODAF 7TL OPENB	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV88584	VODAF1.023TL OPENZ	EUR											
Certificate	DE000CJ3PNY1	VODAF1.122TL OPENZ	EUR											
Certificate	DE000CV8AHU6	VODAF1.227TL OPENZ	EUR											
Certificate	DE000CJ3NNG3	VODAF1.329TL OPENZ	EUR											
Certificate	DE000CV88854	VODAF1.748TS OPENZ	EUR											
Certificate	DE000CV8AL46	VODAF1.944TS OPENZ	EUR											
Certificate	DE000CV8AHV4	VODAF2.144TS OPENZ	EUR											
Certificate	DE000CV8AHW2	VODAF2.344TS OPENZ	EUR											
Certificate	DE000CE6CBC8	VOLVB105.2TL OPENZ	EUR	0,4050	0,4250	0,4050			0,4250					
Certificate	DE000CE6CCJ1	VOLVB119.1TL OPENZ	EUR	0,1450	0,1550	0,1450			0,1550					
Certificate	DE000CJ3PAZ5	VOLVB90.05TL OPENZ	EUR	0,7050	0,7250	0,7050			0,7250					
Certificate	DE000CN6FX46	VONOV23.39TL OPENZ	EUR	19,9600	19,9600	19,7300			19,7300					
Certificate	DE000CN6JY66	VONOV25.92TL OPENZ	EUR	17,4300	17,4300	17,2150			17,2150					
Certificate	DE000CD64CT7	VONOV29.39TL OPENZ	EUR	13,9600	13,9600	13,7400			13,7400					
Certificate	DE000CE6DC83	VONOV33.36TL OPENZ	EUR	2,0000	2,0000	1,9600			1,9600					
Certificate	DE000CQ5A3P3	VOPAK 28TL OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CQ5A3N8	VOPAK 30TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CY16LA4	VOPAK 32TL OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CQ5A3M0	VOPAK 35TL OPENC	EUR	0,4500	0,4900	0,4500	225,0000	1	0,4900	500				
Certificate	NL0013153406	VOPAK 41TS OPENB	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0011093018	VOPAK 45TS OPENB	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CQ5A3Q1	VOPAK 50TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CY16LD8	VOPAK 50TS OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0011715495	VOPAK 50TS OPENH	EUR	18,1200	18,7000	18,1200			18,7000					
Certificate	NL0009263870	VOPAK 20.7TL OPENB	EUR	40,2900	40,2900	40,2900			40,2900					
Certificate	NL0010764205	VOPAK 29.5TL OPENB	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	NL0011430426	VOPAK 32.1TL OPENB	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0012689624	VOPAK 35.7TL OPENB	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0012783344	VOPAK 37.6TL OPENB	EUR	5,0000	5,1000	4,9600	3500,0000	1	5,1000	700				
Certificate	NL0013008733	VOPAK 37.7BL OPENB	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013153604	VOPAK 40.6BS OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0013004773	VOPAK 43.1BS OPENB	EUR	5,2600	5,3000	5,1800	42,0800	1	5,1800	8				
Certificate	NL0011733928	VOPAK 49.3TS OPENH	EUR	17,3200	17,9000	17,3200			17,9000					
Certificate	NL0011740048	VOPAK 49.4TS OPENH	EUR	17,4300	18,0100	17,4300			18,0100					
Certificate	NL0012987416	VOPAK 49.5TS OPENB	EUR	18,1100	18,1100	18,1100			18,1100					
Certificate	NL0011409990	VOPAK15.91TL OPENH	EUR	25,0200	25,0200	25,0000			25,0000					
Certificate	NL0011409974	VOPAK24.32TL OPENH	EUR	17,5300	17,5300	17,5100			17,5100					
Certificate	DE000CE6EK17	VOPAK27.29TL OPENZ	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0011409966	VOPAK28.53TL OPENH	EUR	13,7800	13,7800	13,7600			13,7600					
Certificate	DE000CR9RS05	VOPAK29.81TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0012490288	VOPAK31.59BL OPENB	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0011409941	VOPAK31.68TL OPENH	EUR	10,9800	10,9800	10,9600			10,9600					
Certificate	DE000CR9RLZ5	VOPAK32.29TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	LU1650853960	VOPAK32.56TCIOPENS	EUR	7,3800	7,3800	6,8300			6,8300					
Certificate	DE000CV87HS1	VOPAK34.27TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0013018385	VOPAK34.67BL OPENB	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012581417	VOPAK35.25TL OPENH	EUR	7,8000	7,8000	7,7800			7,7800					
Certificate	NL0012689962	VOPAK36.18BL OPENB	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012581409	VOPAK36.26TL OPENH	EUR	6,9000	6,9000	6,8800			6,8800					
Certificate	DE000CV87HT9	VOPAK36.26TL OPENZ	EUR	0,4500	0,5350	0,4500	225,0000	1	0,5350	500				
Certificate	LU1697025788	VOPAK36.88TCIOPENS	EUR	3,2500	3,2500	2,7100			2,7100					
Certificate	NL0012598874	VOPAK37.24TL OPENH	EUR	6,0300	6,0300	6,0200			6,0200					
Certificate	DE000CV88024	VOPAK38.25TL OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	NL0013185077	VOPAK40.05TS OPENH	EUR	6,8200	7,4000	6,8200			7,4000					
Certificate	LU1840979741	VOPAK42.71TPIOPENS	EUR	4,2600	4,8000	4,2600			4,8000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012902498	VOPAK43.47TS OPENH	EUR	10,6600	11,2400	10,6600			11,2400					
Certificate	NL0012783591	VOPAK45.58BS OPENB	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0011742911	VOPAK45.67TS OPENH	EUR	13,1700	13,7500	13,1700			13,7500					
Certificate	LU1790699976	VOPAK45.75TPIOPENB	EUR	7,0200	7,5600	7,0200			7,5600					
Certificate	NL0011894852	VOPAK45.79TS OPENH	EUR	13,3100	13,8900	13,3100			13,8900					
Certificate	NL0011715503	VOPAK46.25TS OPENH	EUR	13,8400	14,4200	13,8400			14,4200					
Certificate	DE000CN6KQC8	VOPAK46.54TS OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	LU1817099283	VOPAK46.98TPIOPENB	EUR	8,3200	8,6000	8,3200			8,6000					
Certificate	NL0012969570	VOPAK48.04BS OPENB	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	NL0012894729	VOPAK48.81TS OPENH	EUR	16,7500	17,3300	16,7500			17,3300					
Certificate	NL0011935291	VOPAK49.69TS OPENH	EUR	17,7600	18,3400	17,7600			18,3400					
Certificate	DE000CV88FR5	VOPAK52.57TS OPENZ	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012891907	VOPAK55.76TS OPENH	EUR	24,6800	25,2600	24,6800			25,2600					
Certificate	DE000CW425W4	VOW 85TL OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CW42HM7	VOW 85TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CX0J274	VOW 90TL OPENC	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000CX0H9C2	VOW 90TL OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CW42HJ3	VOW 90TL OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CX00200	VOW 100TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CX59D30	VOW 110TL OPENC	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CX59HE6	VOW 110TL OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CP07CD4	VOW 120TL OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CP06YR0	VOW 120TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CY52ZW3	VOW 130TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013019185	VOW 134TL OPENB	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	NL0013019193	VOW 139TL OPENB	EUR	1,8900	1,9750	1,8900	2268,0000	1	1,9750	1200				
Certificate	DE000CY520E8	VOW 140TL OPENC	EUR											
Certificate	DE000CY522X1	VOW 140TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0013157092	VOW 144TL OPENB	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CP23425	VOW 155TS OPENC	EUR											
Certificate	DE000CP07CG7	VOW 160TS OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CY522Y9	VOW 165TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CY522Z6	VOW 170TS OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CQ5A2L4	VOW 190TS OPENC	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012531537	VOW 192TS OPENH	EUR	9,1100	9,1100	9,0100			9,0100					
Certificate	DE000CY52K45	VOW 200TS OPENC	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CY52NM0	VOW 200TS OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA87F61	VOW 141.TL OPENV	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0011410022	VOW 64.3TL OPENH	EUR	9,5000	9,6600	9,5000			9,6600					
Certificate	NL0011437843	VOW 72.1TL OPENB	EUR	8,2050	8,2050	8,2050			8,2050					
Certificate	NL0011410006	VOW 76.6TL OPENH	EUR	8,4700	8,6300	8,4700			8,6300					
Certificate	NL0011433701	VOW 77.4TL OPENB	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	NL0011435573	VOW 82.7TL OPENB	EUR	7,2250	7,2250	7,2250			7,2250					
Certificate	NL0011438429	VOW 87.9TL OPENB	EUR	6,7350	6,7350	6,7350			6,7350					
Certificate	NL0011649744	VOW 93.1TL OPENB	EUR	6,2450	6,2450	6,2450			6,2450					
Certificate	DE000CN6F024	VOW 95.5TL OPENZ	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011656145	VOW 98.3TL OPENB	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0011729769	VOW 98.4TL OPENH	EUR	6,6500	6,8100	6,6500			6,8100					
Certificate	DE000CN6JUD0	VOW 100.3TL OPENZ	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0011896717	VOW 102.9TL OPENH	EUR	6,2800	6,4400	6,2800			6,4400					
Certificate	NL0011906839	VOW 103.4TL OPENB	EUR	5,2950	5,2950	5,2950			5,2950					
Certificate	DE000CN6K974	VOW 105.3TL OPENZ	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0013016546	VOW 105.6BL OPENB	EUR	4,4200	4,5150	4,4150	499,4600	1	4,5150	113				
Certificate	NL0011906847	VOW 108.6TL OPENB	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	DE000VA8FXZ3	VOW 110.9TL OPENV	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CD62346	VOW 111.4TL OPENZ	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	NL0011996384	VOW 113.2TL OPENH	EUR	5,4200	5,5700	5,4200			5,5700					
Certificate	NL0012034979	VOW 113.8TL OPENB	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	NL0013007644	VOW 115.6BL OPENB	EUR	3,5400	3,5400	3,4200	3967,2000	2	3,5150	1140				
Certificate	DE000VA7TG70	VOW 115.9TL OPENV	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012038848	VOW 118.9TL OPENB	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	DE000CD640T7	VOW 122.2TL OPENZ	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0012051833	VOW 122.8TL OPENH	EUR	4,6200	4,7700	4,6200			4,7700					
Certificate	NL0012492938	VOW 123.9TL OPENB	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	NL0012998686	VOW 125.6BL OPENB	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000VA64YA7	VOW 125.8TL OPENV	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012495295	VOW 129.1TL OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	DE000CJ3PL80	VOW 130.1TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012519078	VOW 130.4TL OPENH	EUR	3,9900	4,1400	3,9900			4,1400					
Certificate	DE000VA64YB5	VOW 130.8TL OPENV	EUR	1,6500	1,9100	1,6500	123,7500	1	1,9100	75				
Certificate	NL0013018831	VOW 135.7BL OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000VA9CWL0	VOW 136.1TL OPENV	EUR	1,4000	1,4000	1,4000			1,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PTL5	VOW 139.1TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013156714	VOW 145.7BL OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000VA90UT0	VOW 146.2TL OPENV	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013182470	VOW 153.1TS OPENH	EUR											
Certificate	DE000VA9CWH8	VOW 155.8TS OPENV	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0013152051	VOW 157.4TS OPENB	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0013149131	VOW 158.9BS OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0012918767	VOW 161.1TS OPENH	EUR	5,2600	5,2600	5,1600			5,1600					
Certificate	DE000VA64X58	VOW 161.3TS OPENV	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CJ3P7R0	VOW 162.8TS OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA64X66	VOW 166.3TS OPENV	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012970693	VOW 167.2TS OPENB	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	NL0012909840	VOW 168.1TS OPENH	EUR	6,1300	6,1300	6,0300			6,0300					
Certificate	NL0012998710	VOW 168.9BS OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000VA64X74	VOW 171.3TS OPENV	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012865067	VOW 173.1TS OPENH	EUR	6,7500	6,7500	6,6500			6,6500					
Certificate	DE000VA64X82	VOW 176.3TS OPENV	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012681670	VOW 176.8TS OPENB	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	DE000CV89214	VOW 177.8TS OPENZ	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0013147580	VOW 178.9BS OPENB	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	NL0012608616	VOW 179.4TS OPENH	EUR	7,5400	7,5400	7,4400			7,4400					
Certificate	DE000VA64X90	VOW 181.3TS OPENV	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012565816	VOW 183.7TS OPENH	EUR	8,0800	8,0800	7,9800			7,9800					
Certificate	DE000VA87F04	VOW 185.9TS OPENV	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000VA87F38	VOW 190.9TS OPENV	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0012536858	VOW 192.2TS OPENH	EUR	9,1300	9,1300	9,0300			9,0300					
Certificate	NL0012615710	VOW 192.7TS OPENH	EUR	9,2000	9,2000	9,1000			9,1000					
Certificate	DE000CJ3NQF8	VOW 197.8TS OPENZ	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012558340	VOW 202.3TS OPENH	EUR	10,4000	10,4000	10,3000			10,3000					
Certificate	NL0011251657	VOW 205.8TS OPENB	EUR	7,3150	7,3150	7,3150			7,3150					
Certificate	NL0012545768	VOW 212.1TS OPENH	EUR	11,6200	11,6200	11,5200			11,5200					
Certificate	NL0012558332	VOW 231.8TS OPENH	EUR	14,0800	14,0800	13,9800			13,9800					
Certificate	DE000CV8AVB7	VTLN 52.9TL OPENZ	EUR	0,8450	0,8450	0,7800			0,7800					
Certificate	DE000CJ3QFM0	VTLN 37.93TL OPENZ	EUR	2,1150	2,1150	2,0400			2,0400					
Certificate	DE000CJ3PFJ8	VTLN 44.93TL OPENZ	EUR	1,5250	1,5250	1,4500			1,4500					
Certificate	NL0009262484	VW 39.6TL OPENB	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0009336866	VW 46.3TL OPENB	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	DE000CN666N1	WALMT62.16TL OPENZ	EUR	2,9300	3,1000	2,9300			3,1000					
Certificate	NL0011411285	WALTD 135TS OPENH	EUR											
Certificate	NL0010248795	WALTD 38.2TL OPENB	EUR	70,2900	70,2900	70,2900			70,2900					
Certificate	NL0010381554	WALTD 61.7TL OPENB	EUR	51,0300	51,0300	51,0300			51,0300					
Certificate	NL0010520474	WALTD 68.5TL OPENB	EUR	45,4500	45,4500	45,4500			45,4500					
Certificate	NL0010656138	WALTD 80.8TL OPENB	EUR	35,3100	35,3100	35,3100			35,3100					
Certificate	NL0010906624	WALTD 88.8TL OPENB	EUR	28,8000	28,8000	28,8000			28,8000					
Certificate	NL0011411293	WALTD123.4TS OPENH	EUR											
Certificate	DE000CN6H962	WALTD83.95TL OPENZ	EUR	27,1500	27,9600	27,1500			27,9600					
Certificate	DE000CR4H7N1	WALTD92.58TL OPENZ	EUR	1,9500	2,0300	1,9500			2,0300					
Certificate	DE000CP23324	WDIG 100TL OPENC	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CP23730	WDIG 100TL OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CP23409	WDIG 120TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CP23748	WDIG 120TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP23755	WDIG 140TS OPENC	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CP23417	WDIG 140TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CY52ZU7	WDIG 170TS OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CY52ZV5	WDIG 180TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CV88ET4	WDIG 106.TL OPENZ	EUR	2,6350	2,8000	2,6350			2,8000					
Certificate	DE000CV88R98	WDIG 116.TL OPENZ	EUR	1,6550	1,8200	1,6550			1,8200					
Certificate	DE000CJ3QK80	WDIG 126.TL OPENZ	EUR	0,6850	0,8500	0,6850			0,8500					
Certificate	DE000CE6FHY2	WDIG 69.42TL OPENZ	EUR	6,2650	6,4400	6,2650			6,4400					
Certificate	DE000CE6FNH5	WDIG 77.64TL OPENZ	EUR	5,4400	5,6200	5,4400			5,6200					
Certificate	DE000CE6FQB1	WDIG 85.81TL OPENZ	EUR	4,6350	4,8100	4,6350			4,8100					
Certificate	DE000CV889V4	WDIG 95.93TL OPENZ	EUR	3,6350	3,8000	3,6350			3,8000					
Certificate	NL0013006679	WDPP 101.7BL OPENB	EUR											
Certificate	DE000CV89VD0	WDPP 102.4TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013006687	WDPP 106.7BL OPENB	EUR											
Certificate	DE000CJ3QLQ9	WDPP 111.4TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013158090	WDPP 111.7BL OPENB	EUR											
Certificate	NL0013006802	WDPP 122.3BS OPENB	EUR											
Certificate	DE000CV89WH9	WDPP 130.9TS OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0013007750	WDPP 132.3BS OPENB	EUR											
Certificate	DE000CD64C87	WDPP 59.35TL OPENZ	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	DE000CD64DY5	WDPP 70.01TL OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD64C04	WDPP 76.34TL OPENZ	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	DE000CE6CY70	WDPP 83.68TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CV4ZVE7	WDPP 92.01TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0013006661	WDPP 96.66BL OPENB	EUR											
Certificate	DE000CJ3PD80	WEED 62TL OPENZ	EUR											
Certificate	DE000CJ3PHH8	WEED 43.5TL OPENZ	EUR											
Certificate	DE000CJ3PSR4	WEED 30.37TL OPENZ	EUR	1,9400	2,2000	1,9400	217,0000	1	2,2000	100				
Certificate	DE000CJ3PRJ3	WEED 34.34TL OPENZ	EUR	1,4500	1,7100	1,4500			1,7100					
Certificate	DE000CJ3PHG0	WEED 38.84TL OPENZ	EUR	0,8900	1,1600	0,8900			1,1600					
Certificate	DE000CJ3QHU9	WEED 42.84TL OPENZ	EUR											
Certificate	NL0012796262	WEREL 33BON0919Z	EUR	31,4600	31,4600	31,4600			31,4600					
Certificate	NL0011235403	WEREL 46TS OPENH	EUR	1,9400	2,0000	1,9400			2,0000					
Certificate	NL0012686661	WEREL 21.7TL OPENB	EUR	10,2550	10,2550	10,2550			10,2550					
Certificate	NL0010720827	WEREL 23.1TL OPENH	EUR	0,8900	0,8900	0,8500			0,8500					
Certificate	NL0012682785	WEREL 24.2TL OPENB	EUR	7,9450	7,9450	7,9450			7,9450					
Certificate	NL0011816186	WEREL 26.7TL OPENB	EUR	5,6950	5,6950	5,6950			5,6950					
Certificate	NL0012796270	WEREL 34.5BON1219Z	EUR	31,7700	31,7700	31,7700			31,7700					
Certificate	NL0012681688	WEREL 35.2TS OPENB	EUR	9,2450	9,2450	9,2450			9,2450					
Certificate	NL0013013758	WEREL 40.2TS OPENB	EUR	14,7850	14,7850	14,7850			14,7850					
Certificate	NL0010932513	WEREL 49.4TS OPENB	EUR	24,9450	24,9450	24,9450			24,9450					
Certificate	NL0011045018	WEREL 49.7TS OPENH	EUR	2,3400	2,3900	2,3400			2,3900					
Certificate	NL0011045000	WEREL 53.4TS OPENH	EUR	2,7300	2,7900	2,7300			2,7900					
Certificate	DE000CJ3NQ66	WEREL18.08TL OPENZ	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000CV4ZUV3	WEREL22.09TL OPENZ	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012688741	WEREL22.21BL OPENB	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	NL0012685994	WEREL24.25BL OPENB	EUR	5,9850	5,9850	5,9850			5,9850					
Certificate	DE000CV4ZUW1	WEREL25.09TL OPENZ	EUR	5,5400	5,5400	5,0500	7337,5000	7	5,0800	1450				
Certificate	NL0012682470	WEREL26.29BL OPENB	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000CD61QB1	WEREL28.12TL OPENZ	EUR	2,4800	2,4800	2,0300	8215,0000	16	2,0300	4000				
Certificate	NL0012778484	WEREL28.32BL OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013151681	WEREL31.12BS OPENB	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0012681993	WEREL34.12BS OPENB	EUR	4,0300	4,4950	4,0150	201,5000	1	4,4950	50				
Certificate	DE000CV4ZG23	WEREL35.05TS OPENZ	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	NL0012682009	WEREL37.03BS OPENB	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	DE000CD62T23	WEREL39.53TS OPENZ	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0013157803	WESSA 5.3BL OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0013013816	WESSA 8.3BL OPENB	EUR											
Certificate	DE000CJ3QLY3	WESSA 8.3TL OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0013147515	WESSA 9.3BL OPENB	EUR											
Certificate	NL0013153620	WESSA 10.3BS OPENB	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012988083	WESSA 12.3BS OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CE6FON4	WESSA 18.5TS OPENZ	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013005127	WESSA 6.29BL OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0013157498	WESSA 6.82TL OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012998890	WESSA 7.29BL OPENB	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013005887	WESSA 7.32TL OPENB	EUR	2,7800	2,9900	2,7800	695,0000	1	2,9900	250				
Certificate	NL0013005473	WESSA 7.81TL OPENB	EUR	2,3600	2,5500	2,3400	519,2000	1	2,5500	220				
Certificate	NL0013158108	WESSA 8.29BL OPENB	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013014111	WESSA 8.31TL OPENB	EUR											
Certificate	NL0013158322	WESSA 8.31TL OPENB	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013015415	WESSA 8.81TL OPENB	EUR											
Certificate	NL0013148653	WESSA 9.31TL OPENB	EUR											
Certificate	NL0013157134	WESSA 9.43TS OPENB	EUR											
Certificate	NL0013005671	WESSA10.43TS OPENB	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012999726	WESSA11.43TS OPENB	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0012988265	WESSA12.43TS OPENB	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012982847	WESSA14.29BS OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CJ3NOC9	WESSAS.191TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CN6HMS4	WESSA6.712TL OPENZ	EUR	0,6800	0,7200	0,6800	530,8000	2	0,7200	760				
Certificate	DE000CJ3NOD7	WESSA7.505TL OPENZ	EUR	0,4500	0,5300	0,4500	2031,0000	4	0,5300	4200				
Certificate	DE000CJ3PGC1	WESSA8.303TL OPENZ	EUR											
Certificate	DE000CJ3PYL5	WESSA9.202TL OPENZ	EUR											
Certificate	DE000CR9QDJ8	WEST 15.72TL OPENZ	EUR	0,6700	0,7200	0,6700			0,7200					
Certificate	DE000CN6HJ26	WFC 40.21TL OPENZ	EUR	1,1700	1,2100	1,1700			1,2100					
Certificate	DE000VN61022	WHEAT LEVOPENV	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000VN61016	WHEAT LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN61008	WHEAT LEVOPENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VL51282	WHEAT LEVOPENV	EUR											
Certificate	DE000VN61040	WHEAT SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN61032	WHEAT SHROPENV	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	DE000VL23R53	WHEAT SHROPENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VN61024	WHEAT SHROPENV	EUR	4,0450	4,0450	4,0450			4,0450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012543144	WHEAT 4.37TL OPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012543136	WHEAT 4.47TL OPENH	EUR	0,8800	0,9000	0,8800	17600,0000	1	0,9000	20000				
Certificate	NL0012543128	WHEAT 4.57TL OPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012543110	WHEAT 4.68TL OPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012543102	WHEAT 4.78TL OPENH	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0012543094	WHEAT 4.88TL OPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CY51CV6	WOLTE 30TL OPENC	EUR	25,3000	25,3000	25,3000			25,3000					
Certificate	DE000CY16LQ0	WOLTE 30TL OPENC	EUR	25,2300	25,2300	25,2300			25,2300					
Certificate	DE000CY517G9	WOLTE 32TL OPENC	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	DE000CY16HV8	WOLTE 32TL OPENC	EUR	23,1800	23,1800	23,1800			23,1800					
Certificate	DE000CY517H7	WOLTE 34TL OPENC	EUR	21,3600	21,3600	21,3600			21,3600					
Certificate	DE000CY514Y9	WOLTE 34TL OPENC	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	DE000CY51813	WOLTE 36TL OPENC	EUR	18,6200	18,6200	18,6200			18,6200					
Certificate	DE000CY51CW4	WOLTE 36TL OPENC	EUR	19,4000	19,4000	19,4000			19,4000					
Certificate	DE000CY522T2	WOLTE 38TL OPENC	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	DE000CY51KK2	WOLTE 38TL OPENC	EUR	16,6300	16,6300	16,6300			16,6300					
Certificate	DE000CY51CY0	WOLTE 46TS OPENC	EUR											
Certificate	DE000CY51XJ7	WOLTE 50TS OPENC	EUR											
Certificate	NL0012987291	WOLTE 56BOC0619B	EUR	53,8200	53,8200	53,8200			53,8200					
Certificate	NL0010893756	WOLTE 16.7TL OPENB	EUR	37,9300	37,9300	37,9300			37,9300					
Certificate	NL0010904512	WOLTE 18.9TL OPENB	EUR	35,9100	35,9100	35,9100			35,9100					
Certificate	NL0011651401	WOLTE 28.5TL OPENB	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	NL0012108849	WOLTE 33.7TL OPENB	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	NL0012516256	WOLTE 36.5TL OPENH	EUR	19,7800	19,7800	19,5700			19,5700					
Certificate	NL0012494678	WOLTE 40.7BOC1218B	EUR	40,6000	40,6000	40,6000			40,6000					
Certificate	NL0012648885	WOLTE 42.5BON0619Z	EUR											
Certificate	NL0012649263	WOLTE 45.5BOC0619Z	EUR											
Certificate	NL0012978647	WOLTE 47.2TL OPENB	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	NL0012979967	WOLTE 48.2TL OPENB	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0013150253	WOLTE 49.2TL OPENB	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0013151905	WOLTE 50.2TL OPENB	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0013157506	WOLTE 51.2TL OPENB	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0013156631	WOLTE 52.6TS OPENB	EUR											
Certificate	NL0012998447	WOLTE 54.6TS OPENB	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012936751	WOLTE 55.4TS OPENH	EUR	6,1000	6,5600	6,1000			6,5600					
Certificate	NL0012987440	WOLTE 56.6TS OPENB	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0011053053	WOLTE21.87TL OPENH	EUR	33,4100	33,4100	33,2000			33,2000					
Certificate	NL0011053046	WOLTE23.99TL OPENH	EUR	31,4300	31,4300	31,2300			31,2300					
Certificate	NL0011995568	WOLTE28.31TL OPENH	EUR	27,4000	27,4000	27,2000			27,2000					
Certificate	DE000CN6F602	WOLTE28.57TL OPENZ	EUR	12,5200	12,5200	12,5200	5008,0000	1	12,5200	400				
Certificate	NL0011739164	WOLTE29.35TL OPENH	EUR	26,4400	26,4400	26,2400			26,2400					
Certificate	DE000CN6K537	WOLTE31.07TL OPENZ	EUR											
Certificate	NL0012049191	WOLTE31.42TL OPENH	EUR	24,5100	24,5100	24,3100			24,3100					
Certificate	NL0012055743	WOLTE33.45TL OPENH	EUR	22,6200	22,6200	22,4200			22,4200					
Certificate	DE000CE6BEP6	WOLTE34.05TL OPENZ	EUR											
Certificate	NL0012435937	WOLTE34.48TL OPENH	EUR	21,6600	21,6600	21,4600			21,4600					
Certificate	NL0012523005	WOLTE37.49TL OPENH	EUR	18,8600	18,8600	18,6600			18,6600					
Certificate	DE000CE6ETD4	WOLTE37.53TL OPENZ	EUR											
Certificate	NL0012525224	WOLTE38.53TL OPENH	EUR	17,8800	17,8800	17,6800			17,6800					
Certificate	NL0012582258	WOLTE39.49TL OPENH	EUR	17,0000	17,0000	16,8000			16,8000					
Certificate	NL0012595607	WOLTE40.53TL OPENH	EUR	16,0200	16,0200	15,8200			15,8200					
Certificate	DE000CV88AQ8	WOLTE41.51TL OPENZ	EUR											
Certificate	NL0012606800	WOLTE42.49TL OPENH	EUR	14,2000	14,2000	14,0000			14,0000					
Certificate	NL0013008808	WOLTE43.328L OPENB	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0012787360	WOLTE44.328L OPENB	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0012614259	WOLTE44.43TL OPENH	EUR	12,4000	12,4000	12,2000			12,2000					
Certificate	NL0013008816	WOLTE45.338L OPENB	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CV89960	WOLTE45.47TL OPENZ	EUR											
Certificate	NL0012793160	WOLTE46.348L OPENB	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012865083	WOLTE46.39TL OPENH	EUR	10,5700	10,5700	10,3700			10,3700					
Certificate	NL0012973630	WOLTE47.358L OPENB	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012927636	WOLTE48.18TL OPENH	EUR	8,9000	8,9000	8,7000			8,7000					
Certificate	NL0013012057	WOLTE48.358L OPENB	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0013151541	WOLTE49.358L OPENB	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CJ3QCT2	WOLTE49.95TL OPENZ	EUR											
Certificate	NL0013151558	WOLTE50.358L OPENB	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0013157811	WOLTE51.348L OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013005242	WOLTE53.818S OPENB	EUR											
Certificate	NL0012980221	WOLTE55.788S OPENB	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012935845	WOLTE57.38TS OPENH	EUR	8,2300	8,6900	8,2300			8,6900					
Certificate	NL0012926604	WOLTE57.46TS OPENH	EUR	8,3200	8,7800	8,3200			8,7800					
Certificate	NL0012920961	WOLTE57.52TS OPENH	EUR	8,3900	8,8500	8,3900			8,8500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013004047	WOLTE57.78BS OPENB	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012852354	WOLTE59.35TS OPENH	EUR	10,3600	10,8200	10,3600			10,8200					
Certificate	NL0012915169	WOLTE59.46TS OPENH	EUR	10,4800	10,9400	10,4800			10,9400					
Certificate	NL0012988315	WOLTE59.76BS OPENB	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0012892426	WOLTE64.09TS OPENH	EUR	15,4800	15,9400	15,4800			15,9400					
Certificate	NL0012900062	WOLTE64.17TS OPENH	EUR	15,5600	16,0200	15,5600			16,0200					
Certificate	DE000CV8BD11	WPM 12.2TL OPENZ	EUR	0,6350	0,6950	0,6350			0,6950					
Certificate	DE000CN6GV66	WPM 10.54TL OPENZ	EUR	4,5950	4,9800	4,5950	996,0000	1	4,8850	200				
Certificate	DE000CN6JC13	WPM 13.25TL OPENZ	EUR	2,2950	2,5950	2,2950			2,5950					
Certificate	DE000CN6JMB1	WPM 14.87TL OPENZ	EUR	0,9150	1,2150	0,9150	138,5000	2	1,2150	150				
Certificate	DE000CV89BC4	WPM 18.44TL OPENZ	EUR											
Certificate	DE000VAS4547	XAG LEVOPENV	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CJ3QBU2	XFAB 3.14TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3PK77	XFAB 3.54TL OPENZ	EUR	0,4600	0,4700	0,4300	413,0000	3	0,4500	900				
Certificate	DE000CJ3N682	XFAB 3.95TL OPENZ	EUR	0,3900	0,3900	0,3600	6018,0000	15	0,3800	15800				
Certificate	DE000CV8BEE5	XFAB 4.44TL OPENZ	EUR	0,2900	0,3000	0,2500	2022,5000	9	0,2800	7150				
Certificate	DE000CJ3QJ75	XFAB 4.84TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CJ3QKY5	XFAB 5.29TL OPENZ	EUR	0,1400	0,1400	0,1200	140,0000	1	0,1200	1000				
Certificate	DE000CJ3PS18	XIACB 7.64TL OPENZ	EUR	0,8500	0,8550	0,8500			0,8550					
Certificate	DE000CJ3PBV6	XIACB 8.65TL OPENZ	EUR	0,7400	0,7550	0,7400			0,7550					
Certificate	DE000CJ3N1N4	XIACB 9.67TL OPENZ	EUR	0,6400	0,6450	0,6400			0,6450					
Certificate	DE000CJ3NYF2	XIACB10.69TL OPENZ	EUR	0,5300	0,5450	0,5300			0,5450					
Certificate	DE000CJ3PV47	XIACB11.69TL OPENZ	EUR	0,4200	0,4350	0,4200			0,4350					
Certificate	DE000CJ3PY02	XIACB12.69TL OPENZ	EUR	0,3200	0,3250	0,3200			0,3250					
Certificate	DE000CV8ASC1	XIACB17.34TL OPENZ	EUR											
Certificate	DE000CV8B292	XIACB17.37TL OPENZ	EUR											
Certificate	DE000CN6KP07	YAND 16.5TL OPENZ	EUR	2,2650	2,3150	2,2650			2,3150					
Certificate	DE000CV87HD3	YAND 49.9TS OPENZ	EUR	3,6850	3,6850	3,6050			3,6050					
Certificate	DE000CV89B12	YAND 20.98TL OPENZ	EUR	1,4650	1,5250	1,4650			1,5250					
Certificate	DE000CJ3PGP3	YAND 22.98TL OPENZ	EUR	1,1150	1,1750	1,1150			1,1750					
Certificate	DE000CJ3PGQ1	YAND 24.98TL OPENZ	EUR	0,7650	0,8250	0,7650			0,8250					
Certificate	DE000CJ3PRM7	YAND 26.98TL OPENZ	EUR	0,4150	0,4750	0,4150			0,4750					
Certificate	DE000CJ3PG95	YAND 32.25TS OPENZ	EUR	0,5750	0,5750	0,5050			0,5050					
Certificate	DE000CJ3PE22	YAND 35.75TS OPENZ	EUR	1,1850	1,1850	1,1150			1,1150					
Certificate	DE000CV88AS4	YAND 39.77TS OPENZ	EUR	1,8950	1,8950	1,8250			1,8250					
Certificate	DE000CV4ZQC1	YAND 44.82TS OPENZ	EUR	2,7850	2,7850	2,7150			2,7150					
Certificate	DE000CD61959	YAR 232.2TL OPENZ	EUR	1,2600	1,2600	1,2150			1,2150					
Certificate	DE000CN6HTG9	YAR 263.1TL OPENZ	EUR	0,9400	0,9400	0,8950			0,8950					
Certificate	DE000CE6DY20	YAR 313.7TL OPENZ	EUR	0,4200	0,4200	0,3800	760,0000	1	0,3850	2000				
Certificate	NL0010046116	YUM B 54.3TL OPENB	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0010046108	YUM B 57.2TL OPENB	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CJ3PSH5	YY 40.83TL OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CJ3PEQ6	YY 47.98TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV8BD29	YY 54.98TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CJ3QC56	YY 62.98TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE0005715155	Z KOREA CT OPENN	EUR	215,2100	215,2100	215,2100			215,2100					
Certificate	NL0012998769	ZALG 44.7BS OPENB	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000CJ3QH68	ZALG 17.65TL OPENZ	EUR	2,4150	2,4600	2,4150			2,4600					
Certificate	NL0013154370	ZALG 20.13BL OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CJ3P9R6	ZALG 20.65TL OPENZ	EUR	1,8350	1,8900	1,8350			1,8900					
Certificate	NL0013153968	ZALG 22.63BL OPENB	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000CJ3NVU7	ZALG 24.15TL OPENZ	EUR	1,1750	1,2300	1,1300	3241,4000	2	1,2300	2815				
Certificate	NL0012998728	ZALG 25.13BL OPENB	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0013157829	ZALG 27.64BL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013154420	ZALG 29.76BS OPENB	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013151699	ZALG 32.26BS OPENB	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0013149552	ZALG 34.76BS OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0000455848	ZILVER CT OPENN	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	DE000CR9SS46	ZURIC168.1TL OPENZ	EUR	1,3050	1,3050	1,2950			1,2950					
Certificate	DE000CN6L1E4	ZURIC192.2TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CD62L21	ZURIC217.8TL OPENZ	EUR	0,8650	0,8650	0,8550			0,8550					
Certificate	DE000CE6D3W1	ZURIC259.3TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Government bond	NL00000006286	LEDGER2.5%29JUL49	NLG											
Government bond	NL00000002707	LEDGER3.5%29DEC49	NLG											
Government bond	NL00000004802	LEDGER3%29SEP49	NLG											
Government bond	NL0010071189	NED 2.5%15JAN33	EUR											
Government bond	NL00009712470	NEDER 3.25%15JUL21	EUR											
Government bond	NL00009348242	NEDER 3.5% 15JUL20	EUR											
Government bond	NL00009086115	NEDER 4%15JUL19	EUR	103,0000	103,0000	103,0000	25750,0000	1	103,0000	25000				
Government bond	NL0000102275	NEDER3.75%15JAN23	EUR											
Government bond	NL0000102234	NEDER4%15JAN37	EUR											
Government bond	NL0000102317	NEDER5.5%15JAN28	EUR	145,9700	145,9700	145,9700	4379,1000	1	145,9700	3000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Government bond	NL0000102077	NEDER7.5%15JAN23	EUR	132,2900	132,2900	132,2900	9605,5800	1	132,2900	7261				
Government bond	NL0011220108	NEDERL.25%15JUL25	EUR											
Government bond	NL0011896857	NEDERL0%15JAN2022	EUR											
Government bond	NL0011819040	NEDERLAND0.5%JUL26	EUR											
Government bond	NL0010881827	NL 0.25%15JAN20	EUR											
Government bond	NL0012171458	NL 0.75% 15JUL27	EUR											
Government bond	NL0012818504	NL 0.75% 15JUL28	EUR											
Government bond	NL0012650469	NL 0% 15JAN24	EUR											
Government bond	NL0010514246	NL 1.25%15JAN2019	EUR											
Government bond	NL0010418810	NL 1.75%15JUL23	EUR											
Government bond	NL0010060257	NL 2.25%15JUL22	EUR											
Government bond	NL0010721999	NL 2.75%15JAN47	EUR											
Government bond	NL0010733424	NL 2%15JUL2024	EUR	111,3800	111,3800	111,3800	3355,8800	1	111,3800	3013				
Government bond	NL0009446418	NL 3.75% 15JAN42	EUR											
Government bond	NL0013050511	NL DTC 28FEB19	EUR											
Government bond	NL0013089105	NL DTC 29MAR19	EUR											
Government bond	NL0013170368	NL DTC 30APR19	EUR											
Government bond	NL0013025778	NL DTC 31JUL19	EUR											
Government bond	NL0011613849	NL STRIP 15JAN19	EUR											
Government bond	NL0011613435	NL STRIP 15JAN19	EUR											
Government bond	NL0011613450	NL STRIP 15JAN20	EUR											
Government bond	NL0011613864	NL STRIP 15JAN20	EUR											
Government bond	NL0011613476	NL STRIP 15JAN21	EUR											
Government bond	NL0011613880	NL STRIP 15JAN21	EUR											
Government bond	NL0011613492	NL STRIP 15JAN22	EUR											
Government bond	NL0011613906	NL STRIP 15JAN22	EUR											
Government bond	NL0011613922	NL STRIP 15JAN23	EUR											
Government bond	NL0011613518	NL STRIP 15JAN23	EUR											
Government bond	NL0011613534	NL STRIP 15JAN24	EUR											
Government bond	NL0011613930	NL STRIP 15JAN24	EUR											
Government bond	NL0011613948	NL STRIP 15JAN25	EUR											
Government bond	NL0011613559	NL STRIP 15JAN25	EUR											
Government bond	NL0011613575	NL STRIP 15JAN26	EUR											
Government bond	NL0011613955	NL STRIP 15JAN26	EUR											
Government bond	NL0011613583	NL STRIP 15JAN27	EUR											
Government bond	NL0011613963	NL STRIP 15JAN27	EUR											
Government bond	NL0011613591	NL STRIP 15JAN28	EUR											
Government bond	NL0011613971	NL STRIP 15JAN28	EUR											
Government bond	NL0011613989	NL STRIP 15JAN29	EUR											
Government bond	NL0011613609	NL STRIP 15JAN29	EUR											
Government bond	NL0011613997	NL STRIP 15JAN30	EUR											
Government bond	NL0011613617	NL STRIP 15JAN30	EUR											
Government bond	NL0011614003	NL STRIP 15JAN31	EUR											
Government bond	NL0011613625	NL STRIP 15JAN31	EUR											
Government bond	NL0011614011	NL STRIP 15JAN32	EUR											
Government bond	NL0011613633	NL STRIP 15JAN32	EUR											
Government bond	NL0011613641	NL STRIP 15JAN33	EUR											
Government bond	NL0011614029	NL STRIP 15JAN33	EUR											
Government bond	NL0011613658	NL STRIP 15JAN34	EUR											
Government bond	NL0011614037	NL STRIP 15JAN34	EUR											
Government bond	NL0011613666	NL STRIP 15JAN35	EUR											
Government bond	NL0011614045	NL STRIP 15JAN35	EUR											
Government bond	NL0011613674	NL STRIP 15JAN36	EUR											
Government bond	NL0011614052	NL STRIP 15JAN36	EUR											
Government bond	NL0011613682	NL STRIP 15JAN37	EUR											
Government bond	NL0011614060	NL STRIP 15JAN37	EUR											
Government bond	NL0011613690	NL STRIP 15JAN38	EUR											
Government bond	NL0011614078	NL STRIP 15JAN38	EUR											
Government bond	NL0011614086	NL STRIP 15JAN39	EUR											
Government bond	NL0011613708	NL STRIP 15JAN39	EUR											
Government bond	NL0011613716	NL STRIP 15JAN40	EUR											
Government bond	NL0011614094	NL STRIP 15JAN40	EUR											
Government bond	NL0011614102	NL STRIP 15JAN41	EUR											
Government bond	NL0011613724	NL STRIP 15JAN41	EUR											
Government bond	NL0011614110	NL STRIP 15JAN42	EUR											
Government bond	NL0011613732	NL STRIP 15JAN42	EUR											
Government bond	NL0011613740	NL STRIP 15JAN43	EUR											
Government bond	NL0011613757	NL STRIP 15JAN44	EUR											
Government bond	NL0011613765	NL STRIP 15JAN45	EUR											
Government bond	NL0011613773	NL STRIP 15JAN46	EUR											
Government bond	NL0011613781	NL STRIP 15JAN47	EUR											
Government bond	NL0011613443	NL STRIP 15JUL19	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Government bond	NL0011613856	NL STRIP 15JUL19	EUR											
Government bond	NL0011613872	NL STRIP 15JUL20	EUR											
Government bond	NL0011613468	NL STRIP 15JUL20	EUR											
Government bond	NL0011613484	NL STRIP 15JUL21	EUR											
Government bond	NL0011613898	NL STRIP 15JUL21	EUR											
Government bond	NL0011613500	NL STRIP 15JUL22	EUR											
Government bond	NL0011613914	NL STRIP 15JUL22	EUR											
Government bond	NL0011613526	NL STRIP 15JUL23	EUR											
Government bond	NL0011613542	NL STRIP 15JUL24	EUR											
Government bond	NL0011613567	NL STRIP 15JUL25	EUR											
Government bond	NL0011821186	NL STRIP 15JUL26	EUR											
Government bond	NL0012191548	NL STRIP 15JUL27	EUR											
Government bond	NL0012818553	NL STRIP 15JUL28	EUR											
Government bond	NL0000103000	NLHSOM ZC15JAN23	EUR											
Government bond	NL0000103455	NLHSOM ZC15JAN28	EUR											
Government bond	NL0010107975	NLHSOM ZC15JAN33	EUR											
Government bond	NL0000102788	NLHSOM ZC15JAN37	EUR											
Government bond	NL0009446608	NLHSOM ZC15JAN42	EUR											
Government bond	NL0009086206	NLHSOM ZC15JUL19	EUR											
Government bond	NL0009363753	NLHSOM ZC15JUL20	EUR											
Government bond	NL0009712496	NLHSOM ZC15JUL21	EUR											
Government bond	NL0010060265	NLHSOM ZC15JUL22	EUR											
Government bond	NL0000103265	NLRENT ZC15JAN19	EUR											
Government bond	NL0000103273	NLRENT ZC15JAN20	EUR											
Government bond	NL0000103281	NLRENT ZC15JAN21	EUR											
Government bond	NL0000103299	NLRENT ZC15JAN22	EUR											
Government bond	NL0000103307	NLRENT ZC15JAN23	EUR											
Government bond	NL0000103315	NLRENT ZC15JAN24	EUR											
Government bond	NL0000103323	NLRENT ZC15JAN25	EUR											
Government bond	NL0000103331	NLRENT ZC15JAN26	EUR											
Government bond	NL0000103349	NLRENT ZC15JAN27	EUR											
Government bond	NL0000103364	NLRENT ZC15JAN28	EUR											
Government bond	NL0000003515	NLRENT ZC15JAN29	EUR											
Government bond	NL0000003523	NLRENT ZC15JAN30	EUR											
Government bond	NL0000003531	NLRENT ZC15JAN31	EUR											
Government bond	NL0000003549	NLRENT ZC15JAN32	EUR											
Government bond	NL0000003556	NLRENT ZC15JAN33	EUR											
Government bond	NL0000003564	NLRENT ZC15JAN34	EUR											
Government bond	NL0000003572	NLRENT ZC15JAN35	EUR											
Government bond	NL0000003580	NLRENT ZC15JAN36	EUR											
Government bond	NL0009446616	NLRENT ZC15JAN38	EUR											
Government bond	NL0009446624	NLRENT ZC15JAN39	EUR											
Government bond	NL0009446632	NLRENT ZC15JAN40	EUR											
Government bond	NL0009446640	NLRENT ZC15JAN41	EUR											
Government bond	NL0009446657	NLRENT ZC15JAN42	EUR											
Government bond	NL0009086214	NLRENT ZC15JUL19	EUR											
Government bond	NL0009363761	NLRENT ZC15JUL20	EUR											
Government bond	NL0009712504	NLRENT ZC15JUL21	EUR											
Government bond	NL0010060273	NLRENT ZC15JUL22	EUR											
Government bond	NL0000003598	NLRENTZC15JAN37	EUR											
Government bond	GB00BDV0F150	UKT1.750JUL19	GBP											
Government bond	GB00B7L9SL19	UKT1.750SEP22	GBP											
Government bond	GB00BN65R198	UKT2.000JUL20	GBP											
Government bond	GB00BTHH2R79	UKT2.000SEP25	GBP											
Government bond	GB00B7253659	UKT2.250SEP23	GBP											
Government bond	GB00B8BFH458	UKT2.750SEP24	GBP											
Government bond	GB00B8429V04	UKT3.250JAN44	GBP											
Government bond	GB00BN65R313	UKT3.500JAN45	GBP											
Government bond	GB00B8JNQY21	UKT3.500JUL68	GBP											
Government bond	GB00B6RNH572	UKT3.750JUL52	GBP											
Government bond	GB00B4YRFP41	UKT3.750SEP19	GBP											
Government bond	GB00B582JV65	UKT3.750SEP20	GBP											
Government bond	GB00B4RMG977	UKT3.750SEP21	GBP											
Government bond	GB00B54QLM75	UKT4.000JAN60	GBP											
Government bond	GB00B3KJDQ49	UKT4.000MAR22	GBP											
Government bond	GB00B16NNR78	UKT4.250DEC27	GBP											
Government bond	GB00B6460505	UKT4.250DEC40	GBP											
Government bond	GB00B128DP45	UKT4.250DEC46	GBP											
Government bond	GB00B39R3707	UKT4.250DEC49	GBP											
Government bond	GB00B06YGN05	UKT4.250DEC55	GBP											
Government bond	GB0004893086	UKT4.250JUN32	GBP											
Government bond	GB0032452392	UKT4.250MAR36	GBP											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Government bond	GB0083KJDS62	UKT4.250SEP39REGS	GBP											
Government bond	GB0081VWPJ53	UKT4.500DEC42	GBP											
Government bond	GB00839R3F84	UKT4.500MAR19	GBP											
Government bond	GB00852WS153	UKT4.500SEP34	GBP											
Government bond	GB00824FF097	UKT4.750DEC30	GBP											
Government bond	GB00800NY175	UKT4.750DEC38	GBP											
Government bond	GB008058DQ55	UKT4.750MAR20	GBP											
Government bond	GB0030880693	UKT5.000MAR25	GBP											
Government bond	GB0002404191	UKT6.000DEC28	GBP											
Government bond	GB0009997999	UKT8.000JUN21	GBP											
Government bond	GB008855FQ54	UKT10.125MAR24	GBP											
Government bond	GB0083Y1JG82	UKT10.125MAR29	GBP											
Government bond	GB0087RNOG65	UKT10.125MAR44	GBP											
Government bond	GB008P9DLZ64	UKT10.125MAR58	GBP											
Government bond	GB008DX8CX86	UKT10.125MAR68	GBP											
Government bond	GB008BDR7T29	UKT10.125NOV19	GBP											
Government bond	GB00873ZYW09	UKT10.250MAR52	GBP											
Government bond	GB0084PTCY75	UKT10.375MAR62	GBP											
Government bond	GB008421JZ66	UKT10.500MAR50	GBP											
Government bond	GB0083LZBF68	UKT10.625MAR40	GBP											
Government bond	GB0083MYD345	UKT10.625NOV42	GBP											
Government bond	GB00846CGH68	UKT10.750MAR34	GBP											
Government bond	GB00824FFM16	UKT10.750NOV47	GBP											
Government bond	GB0081L6W962	UKT11.125NOV37	GBP											
Government bond	GB008128DH60	UKT11.250NOV27	GBP											
Government bond	GB0083D4VD98	UKT11.250NOV32	GBP											
Government bond	GB0080CNHZ09	UKT11.250NOV55	GBP											
Government bond	GB008125HQ14	UKT11.875NOV22	GBP											
Government bond	GB0031790826	UKT12.000JAN35	GBP											
Government bond	GB0009081828	UKT12.500APR20	GBP											
Government bond	GB0008983024	UKT12.500JUL24	GBP											
Government bond	GB0008932666	UKT14.125JUL30	GBP											
Investment fund	NL0012235840	AB EUROP EQUITY	EUR	14,3000	14,3000	14,3000	14,3000	1	14,3000		1			
Investment fund	NL0010579074	ACTIAM D eur aand	EUR											
Investment fund	NL0010579090	ACTIAM D eur obl	EUR											
Investment fund	NL0010579157	ACTIAM D mix def	EUR											
Investment fund	NL0010579165	ACTIAM D mix neut	EUR	23,1000	23,1000	23,1000	10164,0000	2	23,1000		440			
Investment fund	NL0010579173	ACTIAM D mix off	EUR	18,7100	18,7100	18,7100	11375,6800	2	18,7100		608			
Investment fund	NL0010579124	ACTIAM D Wrld aand	EUR											
Investment fund	NL0010579132	ACTIAM eur vastg	EUR	30,9200	30,9200	30,9200	1978,8800	1	30,9200		64			
Investment fund	NL0011309315	ACTIAM VIA EUROPA	EUR	27,7100	27,7100	27,7100	34914,6000	3	27,7100		1260			
Investment fund	NL0011309323	ACTIAM VIA N-AMER	EUR	34,3700	34,3700	34,3700	210859,9500	7	34,3700		6135			
Investment fund	NL0011872635	ACTIAM VIA OPK LAN	EUR	24,7200	24,7200	24,7200	24,7200	1	24,7200		1			
Investment fund	NL0011309331	ACTIAM VIA PACIFIC	EUR	29,8100	29,8100	29,8100	82245,7900	5	29,8100		2759			
Investment fund	NL0011309349	ACTIAM VIA WERELD	EUR	31,7500	31,7500	31,7500	2583497,5000	15	31,7500		81370			
Investment fund	NL0009388743	ADD VALUE FUND	EUR	46,3100	46,3100	46,3100	53765,9100	9	46,3100		1161			
Investment fund	NL0010510822	AFRIKA FONDS-G	EUR	85,9500	85,9500	85,9500	2578,5000	3	85,9500		30			
Investment fund	NL0000685576	AGHY FUND	EUR											
Investment fund	NL0000286896	ALLIANZ AMR EQ 1	EUR	27,8900	27,8900	27,8900	27,8900	1	27,8900		1			
Investment fund	NL0000286979	ALLIANZ ERP EQ 11	EUR	72,7800	72,7800	72,7800	72,7800	1	72,7800		1			
Investment fund	NL0000286904	ALLIANZ EUR OBL 2	EUR	71,6800	71,6800	71,6800	71,6800	1	71,6800		1			
Investment fund	NL0000286938	ALLIANZ PAFI EQ 5	EUR	84,9300	84,9300	84,9300	1019,1600	2	84,9300		12			
Investment fund	NL0000286912	ALLIANZ SELECT 3	EUR	101,6800	101,6800	101,6800	2338,6400	1	101,6800		23			
Investment fund	NL0009497965	ALLIANZ WRLD EQ 10	EUR	55,7000	55,7000	55,7000	55,7000	1	55,7000		1			
Investment fund	NL0006311706	Arcona Property Fd	EUR	7,1800	7,1800	7,1800	7,1800	1	7,1800		1			
Investment fund	IE00BDH2LR26	ASIAN CAP HOLD A	USD											
Investment fund	IE00BDH2LS33	ASIAN CAP HOLD B	EUR											
Investment fund	NL0011896774	ASN DM DEFENSIEF	EUR	51,5400	51,5400	51,5400	3143,9400	1	51,5400		61			
Investment fund	NL0011896782	ASN DM NEUTRAAL	EUR	52,0300	52,0300	52,0300	8532,9200	1	52,0300		164			
Investment fund	NL0011896790	ASN DM OFFENSIEF	EUR	52,7200	52,7200	52,7200	67059,8400	1	52,7200		1272			
Investment fund	NL0011896808	ASN DM ZEER OFF	EUR	53,0500	53,0500	53,0500	83553,7500	1	53,0500		1575			
Investment fund	NL0011896766	ASN DM ZEERDEF	EUR	50,9400	50,9400	50,9400	764,1000	1	50,9400		15			
Investment fund	NL0000441301	ASN DZ AANDELEN	EUR	107,2300	107,2300	107,2300	360400,0300	14	107,2300		3361			
Investment fund	NL0000280089	ASN DZ MIXFONDS	EUR	87,0600	87,0600	87,0600	28468,6200	6	87,0600		327			
Investment fund	NL0000441244	ASN DZ OBLIGATIE	EUR	28,8400	28,8400	28,8400	247274,1600	8	28,8400		8574			
Investment fund	NL0000290518	ASN DZ SMAL/MIDCAP	EUR	35,8300	35,8300	35,8300	77392,8000	2	35,8300		2160			
Investment fund	NL0012314660	ASN Groenfonds	EUR	26,0000	26,0000	26,0000	44044,0000	2	26,0000		1694			
Investment fund	NL0000280501	ASN MIUEU&WATER 2	EUR	30,0500	30,0500	30,0500	252900,8000	14	30,0500		8416			
Investment fund	NL0012314652	ASN Novifonds	EUR	55,7900	55,7900	55,7900	214233,6000	8	55,7900		3840			
Investment fund	NL0006294175	BNP AS PAC HI INC	EUR	55,8400	55,8400	55,8400	64662,7200	5	55,8400		1158			
Investment fund	NL0012727432	BNP ESGNL	EUR	131,6800	131,6800	131,6800	176714,5600	8	131,6800		1342			
Investment fund	NL0006294167	BNP GL HIGH IN EQ	EUR	57,4100	57,4100	57,4100	62060,2100	7	57,4100		1081			



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Investment fund	NL0006294092	BNP GL PROP SEC FD	EUR	59,6300	59,6300	59,6300	10196,7300	4	59,6300	171				
Investment fund	NL0006294159	BNP HIGH INC PR FD	EUR	31,2500	31,2500	31,2500	19531,2500	6	31,2500	625				
Investment fund	NL0006294035	BNP OBAM	EUR	73,5100	73,5100	73,5100	233541,2700	16	73,5100	3177				
Investment fund	NL0010949343	BNP PRM GLB DIV FD	EUR	25,8100	25,8100	25,8100	10736,9600	2	25,8100	416				
Investment fund	NL0006294118	BNP PRO SEC FD EUR	EUR	66,8100	66,8100	66,8100	6614,1900	5	66,8100	99				
Investment fund	NL0010511002	DD Equity Fund	EUR	165,3900	165,3900	165,3900	330,7800	1	165,3900	2				
Investment fund	NL0013025539	DD INCOME FUND	EUR	24,5700	24,5700	24,5700	24,5700	1	24,5700	1				
Investment fund	NL0009445915	DD PROPERTY FUND A	EUR	34,1100	34,1100	34,1100	375,2100	1	34,1100	11				
Investment fund	NL0010949350	DD PROPERTY FUND B	EUR	34,7000	34,7000	34,7000	34,7000	1	34,7000	1				
Investment fund	NL0012838973	EUR ASSETS TRUST	EUR	1,1300	1,1300	1,1300	1,1300	1	1,1300	1				
Investment fund	IE00BN576201	EUR CAP HOLD CI B	EUR	258,1800	258,3000	258,1800	29696,7000	2	258,3000	115				
Investment fund	NL0010556775	HH CV FUND	EUR	37,2100	37,2100	37,2100	29433,1100	3	37,2100	791				
Investment fund	NL0010514196	HH EM Fund	EUR	81,8700	81,8700	81,8700	16292,1300	4	81,8700	199				
Investment fund	NL0009864495	HH EUR VALUE FUND	EUR	37,1700	37,1700	37,1700	74302,8300	4	37,1700	1999				
Investment fund	NL0012061253	HH GLOBAL FUND	EUR	31,2500	31,2500	31,2500	43312,5000	4	31,2500	1386				
Investment fund	NL0009864479	HH INCOME FUND	EUR	19,9400	19,9400	19,9400	405001,3400	3	19,9400	20311				
Investment fund	NL0013089071	HH MIX NEUTRAAL	EUR											
Investment fund	NL0013089089	HH MIX OFFENSIEF	EUR	20,3200	20,3200	20,3200	109382,5600	1	20,3200	5383				
Investment fund	NL0010514204	HH Obligatie Fund	EUR	35,0700	35,0700	35,0700	120009,5400	5	35,0700	3422				
Investment fund	NL0009864487	HH PHOENIX FUND	EUR	34,8300	34,8300	34,8300	82477,4400	7	34,8300	2368				
Investment fund	NL0010514212	HH RE Value Fund	EUR	50,4400	50,4400	50,4400	42369,6000	4	50,4400	840				
Investment fund	NL0009864461	HH VALUE FUND	EUR	29,0700	29,0700	29,0700	74884,3200	4	29,0700	2576				
Investment fund	NL0010510814	HOLLANDS BEZIT-G	EUR	62,8700	62,8700	62,8700	13328,4400	6	62,8700	212				
Investment fund	NL0000285609	IDB EQTY INCOME	EUR	47,0000	47,0000	47,0000	24534,0000	2	47,0000	522				
Investment fund	NL0010986428	IDB EUR MID CAP	EUR	56,3000	56,3000	56,3000	19817,6000	2	56,3000	352				
Investment fund	NL0011896972	IDB FIS	EUR											
Investment fund	NL0000285591	IDB REALEST EQT FD	EUR	159,6500	159,6500	159,6500	1436,8500	1	159,6500	9				
Investment fund	NL0009693258	INTEREFF AL BRAZIL	EUR											
Investment fund	NL0000290427	INTEREFF AL CHINA	EUR	1,4200	1,4200	1,4200	7100,0000	1	1,4200	5000				
Investment fund	NL0000817161	INTEREFF AL INDIA	EUR	0,8600	0,8700	0,8600	9073,5000	4	0,8700	10550				
Investment fund	NL0006477440	INTEREFF AL JAPAN	EUR	1,2400	1,2400	1,2400	248,0000	1	1,2400	200				
Investment fund	NL0009347574	IUF SEIF	EUR	125,8600	125,8600	125,8600	125,8600	1	125,8600	1				
Investment fund	NL0009486745	IUF SNAIF	EUR	143,5500	143,5500	143,5500	20097,0000	1	143,5500	140				
Investment fund	NL0009347566	IUF SWIF	EUR	154,8000	154,8000	154,8000	278640,0000	1	154,8000	1800				
Investment fund	NL0000293348	KE EUR HGHDV FD N	EUR	6,7900	6,7900	6,7900	3591,9100	7	6,7900	529				
Investment fund	NL0009296649	KEMPEN EURO PROP	EUR	16,5900	16,5900	16,5900	209332,6200	7	16,5900	12618				
Investment fund	NL0006089229	KEMPEN GBL HDiv N	EUR	31,2500	31,2500	31,2500	260468,7500	20	31,2500	8335				
Investment fund	NL0000289627	KEMPEN ORANGE FD	EUR	79,7900	79,7900	79,7900	26250,9100	6	79,7900	329				
Investment fund	NL0000440675	KEMPEN ORANJE PART	EUR											
Investment fund	NL0010610309	KEMPEN PROFIEL 0	EUR											
Investment fund	NL0000290468	KEMPEN PROFIEL 2	EUR	33,1700	33,1700	33,1700	15457,2200	1	33,1700	466				
Investment fund	NL0000290476	KEMPEN PROFIEL 3	EUR	34,0500	34,0500	34,0500	12121,8000	1	34,0500	356				
Investment fund	NL0000290484	KEMPEN PROFIEL 4	EUR											
Investment fund	NL0000290492	KEMPEN PROFIEL 5	EUR	34,6200	34,6200	34,6200	68028,3000	2	34,6200	1965				
Investment fund	NL0010558854	KEMPEN SUSTAINABLE	EUR	69,6700	69,6700	69,6700	52391,8400	1	69,6700	752				
Investment fund	NL0012512958	KESVC	EUR											
Investment fund	NL0011821210	KGPIFINV	EUR	35,2900	35,2900	35,2900	64686,5700	3	35,2900	1833				
Investment fund	NL0012044739	KGPFN	EUR	20,1600	20,1600	20,1600	383,0400	2	20,1600	19				
Investment fund	IE00BN575V26	LCH Class A	USD											
Investment fund	IE00BN575W33	LCH Class B	EUR	189,2500	189,2500	189,2500	27441,2500	2	189,2500	145				
Investment fund	NL0009692839	LEGENDS FUND	EUR	93,9800	93,9800	93,9800	93,9800	1	93,9800	1				
Investment fund	NL0009756394	LSP LIFE SCIENCES	EUR	229,7000	229,7000	229,7000	41346,0000	2	229,7000	180				
Investment fund	NL0013089063	MIX DEFENSIEF	EUR	20,1200	20,1200	20,1200	17102,0000	1	20,1200	850				
Investment fund	NL0010228730	NBZ	EUR											
Investment fund	NL0000289882	NN BASIC MAT FD	EUR	51,7800	51,7800	51,7800	7922,3400	4	51,7800	153				
Investment fund	NL0000289767	NN DAILY C GDS FD	EUR	80,5800	80,5800	80,5800	21998,3400	6	80,5800	273				
Investment fund	NL0000287993	NN DUTCH FD	EUR	61,1000	61,1000	61,1000	142179,7000	5	61,1000	2327				
Investment fund	NL0006311789	NN DUURZAAM AAN FD	EUR	33,4000	33,4000	33,4000	134468,4000	6	33,4000	4026				
Investment fund	NL0000293173	NN DYN MIX FD IV	EUR	32,3800	32,3800	32,3800	217269,8000	6	32,3800	6710				
Investment fund	NL0000293157	NN DYN MIX FDI	EUR	30,1000	30,1000	30,1000	445058,6000	5	30,1000	14786				
Investment fund	NL0000293165	NN DYN MIX FDIH	EUR	31,9100	31,9100	31,9100	130894,8200	7	31,9100	4102				
Investment fund	NL0000293181	NN DYN MIX FDV	EUR	31,4900	31,4900	31,4900	90313,3200	6	31,4900	2868				
Investment fund	NL0000293140	NN DYNAMIC MIX FDI	EUR	29,0800	29,0800	29,0800	52838,3600	3	29,0800	1817				
Investment fund	NL0000292746	NN EDA Fund P	EUR	10,6300	10,6300	10,6300	81351,3900	7	10,6300	7653				
Investment fund	NL0000286318	NN EI Fund P	EUR	9,7400	9,7400	9,7400	525,9600	2	9,7400	54				
Investment fund	NL0012125736	NN EISE Fund A P	EUR	21,1900	21,1900	21,1900	699,2700	3	21,1900	33				
Investment fund	NL0000292225	NN EMERGING EUR FD	EUR	53,7000	53,7000	53,7000	9719,7000	4	53,7000	181				
Investment fund	NL0000289791	NN ENERGY FD	EUR	41,7900	41,7900	41,7900	32220,0900	3	41,7900	771				
Investment fund	NL0012817134	NN EUR DEELN F -P	EUR	35,5800	35,5800	35,5800	54046,0200	10	35,5800	1519				
Investment fund	NL0006311797	NN EUR OBLIG FD	EUR	34,1000	34,1000	34,1000	85284,1000	4	34,1000	2501				
Investment fund	NL0006311730	NN EUR SM CAPS FD	EUR	81,9600	81,9600	81,9600	43930,5600	5	81,9600	536				
Investment fund	NL0000292332	NN EUROPE FD	EUR	27,7300	27,7300	27,7300	53186,1400	3	27,7300	1918				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Investment fund	NL0006311755	NN FAR EAST FD	EUR	44,1600	44,1600	44,1600	8037,1200	6	44,1600		182			
Investment fund	NL0000286169	NN FINANCIAL FD	EUR	20,5600	20,5600	20,5600	11822,0000	4	20,5600		575			
Investment fund	NL0000286441	NN FIRSTCLAS OBLIG	EUR	23,0100	23,0100	23,0100	296460,8400	11	23,0100		12884			
Investment fund	NL0006311771	NN GLOB EMR MKT FD	EUR	39,7600	39,7600	39,7600	55942,3200	5	39,7600		1407			
Investment fund	NL0006311839	NN GLOB OBL FD	EUR	14,9200	14,9200	14,9200	42372,8000	4	14,9200		2840			
Investment fund	NL0009265404	NN GLOB OPPORT FD	EUR	34,4800	34,4800	34,4800	84338,0800	9	34,4800		2446			
Investment fund	NL0006311847	NN GLOB R ESTAT FD	EUR	88,7500	88,7500	88,7500	48191,2500	7	88,7500		543			
Investment fund	NL0006311805	NN GLOBAL FUND	EUR	81,9800	81,9800	81,9800	143546,9800	5	81,9800		1751			
Investment fund	NL0006311813	NN H DIV OBLIG FD	EUR	21,5000	21,5000	21,5000	32099,5000	6	21,5000		1493			
Investment fund	NL0000292274	NN HEALTH CARE FD	EUR	69,1700	69,1700	69,1700	161027,7600	8	69,1700		2328			
Investment fund	NL0000289858	NN HOOG DIV A FD	EUR	31,6500	31,6500	31,6500	235349,4000	14	31,6500		7436			
Investment fund	NL0000289841	NN INDUST FUND	EUR	58,6600	58,6600	58,6600	10676,1200	3	58,6600		182			
Investment fund	NL0006311821	NN INFO TECH FD	EUR	98,4700	98,4700	98,4700	132442,1500	7	98,4700		1345			
Investment fund	NL0000286078	NN JAPAN FD	EUR	16,3600	16,3600	16,3600	7165,6800	4	16,3600		438			
Investment fund	NL0006311862	NN LION FD	EUR	34,8800	34,8800	34,8800	151937,2800	3	34,8800		4356			
Investment fund	NL0000289684	NN LUXURY C GDS FD	EUR	65,1100	65,1100	65,1100	29234,3900	6	65,1100		449			
Investment fund	NL0000286045	NN NORTH AMER FD	EUR	45,2700	45,2700	45,2700	7379,0100	6	45,2700		163			
Investment fund	NL0006311748	NN PREM DIV FD	EUR	13,8000	13,8000	13,8000	18216,0000	9	13,8000		1320			
Investment fund	NL0000442101	NN RENTE P	EUR	14,7200	14,7200	14,7200	45735,0400	7	14,7200		3107			
Investment fund	NL0010489373	NN SXLTB Fund P	EUR											
Investment fund	NL0000289999	NN TEL SCES FD	EUR	37,3000	37,3000	37,3000	2275,3000	3	37,3000		61			
Investment fund	NL0000289668	NN UTILITIES FD	EUR	51,6500	51,6500	51,6500	14462,0000	5	51,6500		280			
Investment fund	NL0000442077	NN WM Fund P	EUR											
Investment fund	NL0010558805	OPT EuroRente Fd	EUR	25,6200	25,6200	25,6200	13399,2600	2	25,6200		523			
Investment fund	NL0010558813	OPT Wereld Aand Fd	EUR	35,8300	35,8300	35,8300	3977,1300	1	35,8300		111			
Investment fund	NL0000287118	OPTIMIX AMERICA FD	EUR	20,9800	20,9800	20,9800	1321,7400	2	20,9800		63			
Investment fund	NL0000287126	OPTIMIX EMERG MKTS	EUR	62,5900	62,5900	62,5900	16648,9400	3	62,5900		266			
Investment fund	NL0000287092	OPTIMIX EUROP-FD D	EUR	109,3800	109,3800	109,3800	19469,6400	2	109,3800		178			
Investment fund	NL0000287084	OPTIMIX INCOM FD C	EUR	35,7000	35,7000	35,7000	24204,6000	2	35,7000		678			
Investment fund	NL0000287100	OPTIMIX MIX FD E	EUR	30,4200	30,4200	30,4200	17886,9600	1	30,4200		588			
Investment fund	NL0011354873	RG GMFAC E G	EUR	128,5800	128,5800	128,5800	28287,6000	3	128,5800		220			
Investment fund	NL0011354865	RG WOCE E G	EUR	116,2700	116,2700	116,2700	697,6200	1	116,2700		6			
Investment fund	NL0000292720	RO PRIVATE EQUITY	EUR											
Investment fund	NL0006238131	ROB AFRIKA FONDS	EUR	104,2500	104,2500	104,2500	78396,0000	2	104,2500		752			
Investment fund	NL0000286615	ROB HOLLANDS BEZIT	EUR	26,0500	26,0500	26,0500	26,0500	1	26,0500		1			
Investment fund	NL0011896998	ROB QI GL DEV ENH	EUR	112,4700	112,4700	112,4700	932488,7700	6	112,4700		8291			
Investment fund	LU0934195610	ROB TOT RET BDS DH	EUR	55,0700	55,0700	55,0700	232725,8200	3	55,0700		4226			
Investment fund	NL0010366407	ROBEKO GLB ST EQ G	EUR	40,7900	40,7900	40,7900	59267,8700	9	40,7900		1453			
Investment fund	NL0000289783	ROBEKO GLB STAR EQ	EUR	37,9600	37,9600	37,9600	147626,4400	8	37,9600		3889			
Investment fund	NL0000289817	ROLINCO	EUR	38,5100	38,5100	38,5100	16482,2800	2	38,5100		428			
Investment fund	NL0010510798	ROLINCO - EUR G	EUR	40,8000	40,8000	40,8000	21705,6000	6	40,8000		532			
Investment fund	NL0000288736	ROLINCO CUMPRF	EUR											
Investment fund	NL0000290088	T&P ALLEGRETTO FD	EUR											
Investment fund	IE00BN575Y56	TCH Class A	USD											
Investment fund	IE00BN575263	TCH Class B	EUR	139,4000	139,4000	139,4000	11152,0000	1	139,4000		80			
Investment fund	NL0006173007	TCM AFRC HDE	EUR	12,4100	12,4100	12,4100	273,0200	2	12,4100		22			
Investment fund	NL0010278073	TCM GL FT HDE	EUR	12,2900	12,2900	12,2900	12892,2100	5	12,2900		1049			
Investment fund	NL0006489189	TCM VIETN HDE	EUR											
Investment fund	NL0000440204	TRIODOS GROENFONDS	EUR	57,4600	57,4600	57,4600	92912,8200	2	57,4600		1617			
Investment fund	NL0011327432	Triodos Mult Impac	EUR	24,9600	24,9600	24,9600	21290,8800	2	24,9600		853			
Investment fund	NL0000079333	TRIODOS VASTGOED	EUR	2,7600	2,7700	2,7600	20625,2700	8	2,7700		7452			
Investment fund	NL0010619748	US CONSERV HD EQ G	EUR	41,9900	41,9900	41,9900	449922,8500	8	41,9900		10715			
Investment fund	NL0010831046	US LARGE CAP EQ G	EUR	36,4600	36,4600	36,4600	26251,2000	1	36,4600		720			
Investment fund	LU0237485098	WP STEWART HOLD FD	USD	450,7400	450,7400	450,7400	399,4500	1	450,7400		1			
Investment fund	LU0237484448	WPSH EUR	EUR	388,0900	388,0900	388,0900	90813,0600	3	388,0900		234			
Other bond	XS1344751968	AAB 0.875%14JAN26	EUR											
Other bond	XS1548458014	AAB 1.125% 12JAN32	EUR											
Other bond	XS1352924275	AAB 1.211%27JAN23	EUR											
Other bond	XS1377257032	AAB 1.29%10MCH36	EUR											
Other bond	XS1645503621	AAB 1.375%12JAN37	EUR											
Other bond	XS1548493946	AAB 1.375%12JAN37	EUR											
Other bond	XS1381467585	AAB 1.5125%18MCH36	EUR											
Other bond	XS1834053149	AAB 1.518 8JUN38	EUR											
Other bond	XS1681558679	AAB 1.606%14SEP37	EUR											
Other bond	XS0940002628	AAB 1.625%03JUN19	EUR											
Other bond	XS0904039236	AAB 1.75%18JUN19	EUR											
Other bond	XS0810731637	AAB 1.875%31JUL19	EUR											
Other bond	XS1379607291	AAB 1.888%15MCH31	EUR											
Other bond	XS1394791492	AAB 1%13APR31	EUR											
Other bond	XS1218821756	AAB 1%16APR25	EUR	100,5500	100,5500	100,5500	40220,0000	1	100,5500		40000			
Other bond	US00084DAN03	AAB 2.1%18JAN19	USD											
Other bond	XS1549579529	AAB 2.1%18JAN19	USD											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1020769748	AAB 2.375%23JAN24	EUR											
Other bond	XS0937858271	AAB 2.5%29NOV2023	EUR											
Other bond	XS0968926757	AAB 2.5%5SEP2023	EUR											
Other bond	XS0553050724	AAB 2.721%03NOV20	EUR											
Other bond	XS0807189690	AAB 2.786%26JUL29	EUR											
Other bond	XS0956496375	AAB 2.905%31JUL23	EUR											
Other bond	XS0955560353	AAB 2%30JUL19	EUR											
Other bond	XS0940750762	AAB 3.03%5JUN2043	EUR											
Other bond	XS1005291650	AAB 3.1%18DEC33	EUR											
Other bond	XS1003541528	AAB 3.16% 13DEC25	EUR											
Other bond	XS0773649438	AAB 3.22%19APR27	EUR											
Other bond	XS0773367452	AAB 3.43%18APR19	EUR											
Other bond	XS0732631824	AAB 3.5%18JAN22	EUR											
Other bond	XS0543370430	AAB 3.5%21SEP2022	EUR											
Other bond	XS0519053184	AAB 3.625%22JUN20	EUR											
Other bond	XS0765299572	AAB 4.125%28MCH22	EUR											
Other bond	XS0550570955	AAB 4.155%20OCT22	EUR											
Other bond	XS0613145712	AAB 4.25%06APR21	EUR											
Other bond	XS0553805978	AAB 4.42%29OCT25	EUR											
Other bond	XS1055206038	AAB 4.625%16APR19	AUD											
Other bond	XS1693822634	AAB 4.75 PL	EUR											
Other bond	XS0729213131	AAB 4.75%11JAN19	EUR											
Other bond	XS1264600310	AAB 4.75%28JUL25	USD											
Other bond	US00080QAF28	AAB 4.75%28JUL25	USD											
Other bond	XS0592463136	AAB 5.4%18FEB2026	NOK											
Other bond	NL0009980945	AAB 5%09FEB22	EUR	114,2200	114,2200	114,2200	7995,4000	2	114,2200	7000				
Other bond	XS0802995166	AAB 7.125%06JUL22	EUR											
Other bond	XS0252108674	AAB ANN OPTINTZC36	EUR											
Other bond	XS0904123535	AAB AUD 5%21MCH19	AUD											
Other bond	XS0795428498	AAB AUD 6.84%JUN12	AUD											
Other bond	XS0953132999	AAB AUD5.25%JUL19	AUD											
Other bond	XS0999526790	AAB AUD5.625%DEC20	AUD											
Other bond	XS0288623852	AAB CALL 4.8%19	EUR											
Other bond	XS1805353734	AAB CB1.45 12APR38	EUR											
Other bond	XS0224587443	AAB CMS RAN FRN20D	EUR											
Other bond	XS1029169213	AAB EURFRN%11FEB19	EUR											
Other bond	XS0549663341	AAB FIX 4.16%OCT22	EUR											
Other bond	XS1199643427	AAB FRN%11MCH20	EUR											
Other bond	XS1549579446	AAB FRN%18JAN19	USD											
Other bond	US00084DAP50	AAB FRN%18JAN19	USD											
Other bond	XS1061713944	AAB FRN%25APR19	EUR											
Other bond	XS1040422526	AAB FRN%6MCH19	EUR											
Other bond	XS0626260383	AAB FRN11MAY26	EUR											
Other bond	XS0866439879	AAB FRN14DEC22	EUR											
Other bond	XS0558261888	AAB FRN16NOV22	EUR											
Other bond	XS0875036237	AAB FRN17JAN20	EUR											
Other bond	XS0618836497	AAB FRN18APR31	EUR											
Other bond	XS0217039311	AAB FRN18APR35	EUR											
Other bond	XS0876056390	AAB FRN18JAN22	EUR											
Other bond	XS1381941167	AAB FRN18MCH21	USD											
Other bond	XS1373217931	AAB FRN1MCH21	EUR											
Other bond	XS0612377712	AAB FRN20APR24	EUR											
Other bond	XS0619628083	AAB FRN21APR21	EUR											
Other bond	XS0660291310	AAB FRN21SEP26	EUR											
Other bond	XS0553043786	AAB FRN28OCT30	EUR											
Other bond	XS0553043943	AAB FRN28OCT31	EUR											
Other bond	XS0729611706	AAB FRN29MCH21	EUR											
Other bond	XS0766347933	AAB FRN30MCH24	EUR											
Other bond	XS0227787818	AAB FX MM ZC5OCT20	USD											
Other bond	XS0107382532	AAB GBP 6 3/8%28	GBP											
Other bond	XS1078025845	AAB GBP2.5%18DEC18	GBP											
Other bond	XS0731583208	AAB GBP4.875%JAN19	GBP											
Other bond	XS1016899053	AAB NOK 4.23%JAN24	NOK											
Other bond	XS0830620372	AAB NOK 4.76%SEP22	NOK											
Other bond	XS0633195978	AAB NOK 5.08%JUN21	NOK											
Other bond	XS0737138205	AAB NOK FRNFEB22	NOK											
Other bond	XS0969645109	AAB NOK4.2%10SEP20	NOK											
Other bond	XS0550960313	AAB NOK4.5%20OCT20	NOK											
Other bond	XS0565716122	AAB NOK4.8%03DEC20	NOK											
Other bond	XS1033501666	AAB NOKFRN%18FEB19	NOK											
Other bond	XS1003346829	AAB NZD 6%17JUN19	NZD											
Other bond	XS1032493337	AAB SEKFRN%13FEB19	SEK											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS0779842912	AAB USD ZC22MAY42	USD											
Other bond	XS0779350965	AAB USD ZC24MAY42	USD											
Other bond	XS0766148570	AAB USD ZC5APR42	USD											
Other bond	XS0766163967	AAB ZC10APR42	USD											
Other bond	XS0769747055	AAB ZC12APR42	USD											
Other bond	XS1915502774	AAB0.14%22NOV2022	EUR											
Other bond	XS1915503665	AAB0.46%22NOV2024	EUR											
Other bond	XS1856791873	AAB0.5%17JUL2023	EUR											
Other bond	XS1023441469	AAB0.5%29JAN19	JPY											
Other bond	XS1244060486	AAB0.75%9JUN2020	EUR											
Other bond	XS1808739459	AAB0.875%22APR2025	EUR											
Other bond	XS1847694764	AAB0.88%25JUN2028	EUR											
Other bond	XS1915504044	AAB0.89%22NOV2027	EUR											
Other bond	XS1874729624	AAB1.1%29AUG30	EUR											
Other bond	XS1747670922	AAB1.25%10JAN2033	EUR											
Other bond	XS1874835652	AAB1.3%3SEP2033	EUR											
Other bond	XS1874729897	AAB1.34%29AUG33	EUR											
Other bond	XS1874729970	AAB1.42%29AUG35	EUR											
Other bond	XS1824461906	AAB1.485%23MAY2034	EUR											
Other bond	XS1298431799	AAB1.50%30SEP30	EUR											
Other bond	XS1844347176	AAB1.53%2JUL2038	EUR											
Other bond	XS1876164846	AAB1.565%7SEP2043	EUR											
Other bond	XS1844175700	AAB1.597%26MAY2043	EUR											
Other bond	XS1838022322	AAB1.6%15JUN2038	EUR											
Other bond	XS1915504713	AAB1.6%22NOV2038	EUR											
Other bond	XS1692167205	AAB1.65%29SEP2037	EUR											
Other bond	XS1646904828	AAB1%30JUN2020	GBP											
Other bond	US00080QAD79	AAB144A 7.75%MAY23	USD											
Other bond	US00084DAM20	AAB144A1.8%20SEP19	USD											
Other bond	US00084DAJ90	AAB144A2.45%4JUN20	USD											
Other bond	XS1266142097	AAB2.29%29JUL30	EUR											
Other bond	US00084DAQ34	AAB2.65%19JAN2021	USD											
Other bond	XS1743726835	AAB2.65%19JAN2021	USD											
Other bond	XS1015339218	AAB2%22JUL19	EUR											
Other bond	XS1039671802	AAB3.015%10JUN2026	EUR											
Other bond	XS1041493757	AAB3.125%14MAR19	NOK											
Other bond	XS1871116171	AAB3.4%27AUG2021	USD											
Other bond	US00084DAT72	AAB3.4%27AUG2021	USD											
Other bond	XS1285080740	AAB4.37%08SEP25	AUD											
Other bond	XS1301382500	AAB4.37%8SEP25	AUD											
Other bond	XS1586330604	AAB4.4%27MAR2028	USD											
Other bond	XS1040431519	AAB5.25%17MAR21	AUD											
Other bond	XS1043140075	AAB5.75%17MAR2020	NZD											
Other bond	XS1278718686	AAB5.750%PL	EUR											
Other bond	XS1285364425	AABFRN08SEP2020	EUR											
Other bond	XS1743726918	AABFRN19JAN2021	USD											
Other bond	US00084DAR17	AABFRN19JAN2021	USD											
Other bond	XS1645476125	AABFRN19JUL2022	USD											
Other bond	US00084DAS99	AABFRN27AUG2021	USD											
Other bond	XS1871116338	AABFRN27AUG2021	USD											
Other bond	XS1701271709	AABGBP1.375%7JUN22	GBP											
Other bond	XS1374540760	AABN1.19%7MAR36	EUR											
Other bond	XS1218969746	AABN1.425%17APR45	EUR											
Other bond	XS1199453728	AABN1.75%10MAR20	CAD											
Other bond	XS1324462966	AABN1.795%26NOV35	EUR											
Other bond	XS1307243532	AABN1.803%15OCT35	EUR											
Other bond	XS1376388192	AABN1.862%7MAR2031	EUR											
Other bond	XS1325221031	AABN1.875%25NOV27	EUR											
Other bond	XS1381583902	AABN1.919%18MAR31	EUR											
Other bond	XS1265350238	AABN2.126%27JUL27	EUR											
Other bond	XS1333213491	AABN2.25%14DEC30	EUR											
Other bond	XS1328124893	AABN2.375%02DEC36	EUR											
Other bond	XS1330259018	AABN2.375%7DEC21	GBP											
Other bond	XS1295345919	AABN2.5%01OCT35	EUR											
Other bond	XS1346254573	AABN2.875%18JAN23	EUR											
Other bond	XS1309526157	AABN3.10%23OCT25	NOK											
Other bond	XS1344520728	AABNFRN19JAN2019	EUR											
Other bond	XS1297496876	AABNFRN19JAN2019	EUR											
Other bond	USN0028HAP03	AABREGS 7.75%MAY23	USD											
Other bond	XS1492363848	AABREGS1.8%20SEP19	USD											
Other bond	XS1241945473	AABREGS2.45%4JUN20	USD											
Other bond	XS1253955469	AABREGS2.875%JUN25	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1246723503	AABSGD3.43%19JUN25	SGD											
Other bond	XS0619548216	ABN 6.375%27APR21	EUR	113,9000	113,9000	113,3900	168357,8000	4	113,3900	148000				
Other bond	XS0619547838	ABN USD6.25%APR22	USD	105,5000	105,5000	105,5000	93495,2600	1	105,5000	100000				
Other bond	XS0997342562	ABN2.125%26NOV20	EUR											
Other bond	XS1341466487	ABN4.75%01APR2026	SGD											
Other bond	XS1422841202	ABNA0.625%31MAY22	EUR											
Other bond	XS1826217140	ABNAM1.637%04JUN38	EUR											
Other bond	XS1170649484	ABNAMRO1.5%JAN20	NOK											
Other bond	XS1165505980	ABNAMRO4.75%JAN20	NZD											
Other bond	US00084DAL47	ABNAMRO4.8%18APR26	USD											
Other bond	XS1530785721	ABNAMROB1.02%DEC32	EUR											
Other bond	XS1827629897	ABNAMROFRN29MAY20	GBP											
Other bond	XS1113370123	ABNFRN26SEP2022	EUR											
Other bond	XS1392917784	ABNS4.8%18APR2026	USD											
Other bond	NL0000168714	ACHMEA 6%PERP	EUR	103,7800	103,9000	103,6100	188887,5000	17	103,9000	182000				
Other bond	XS172258258	ACHMEAB0.375%NOV24	EUR											
Other bond	NL0000120889	AEGON 4.26%PL	NLG	84,0100	84,7000	84,0100	86191,8700	7	84,7000	225000				
Other bond	NL0000120004	AEGON FRN PL	NLG	77,5000	77,5000	77,5000	15825,5800	1	77,5000	45000				
Other bond	NL0000116150	AEGON 1.769%PL	EUR	71,5000	71,7400	71,3500	68602,2000	8	71,3500	96000				
Other bond	NL0000116168	AEGON USD 1.709%PL	USD											
Other bond	NL0000121416	AEGON1.425%PL	NLG	66,0000	69,4900	66,0000	200746,8200	10	67,0500	665000				
Other bond	XS0473964509	AEGON6.625%16DEC39	GBP											
Other bond	XS1637329639	AEGONB0.75%JUN27	EUR											
Other bond	XS1327151228	AEGONBNK0.25%DEC20	EUR											
Other bond	XS1529854793	AEGONNV1%08DEC2023	EUR											
Other bond	XS1418849482	AGN 0.25%25MAY23	EUR											
Other bond	XS1720933297	AGN 0.375%21NOV24	EUR											
Other bond	XS1061711575	AGN 4%25APR44	EUR	102,0000	102,0000	102,0000	1020,0000	1	102,0000	1000				
Other bond	XS1787477543	AHOLD1.125%19MAR26	EUR											
Other bond	XS1685798370	AHOLDDE0.875%SEP24	EUR											
Other bond	XS1787517199	AHOLDDELFRN19MAR21	EUR											
Other bond	XS0208105055	AIB UK 1 4.781%PLD	EUR											
Other bond	XS1400167133	ALLIA0.857%22APR26	EUR											
Other bond	XS0854759080	ALLIAN 2.25%NOV22	EUR											
Other bond	XS0792977984	ALLIAN 2.875%JUN24	EUR											
Other bond	XS0558238043	ALLIAND 4.875%PL	EUR											
Other bond	XS1757377400	ALLIANDER1.625%PL	EUR											
Other bond	DE000A0GNP23	ALLIANZF2 5 3/8%PL	EUR	106,5100	106,5100	106,5100	5325,5000	1	106,5100	5000				
Other bond	DE000A0DX3M2	ALPHA GRP 6%PLD	EUR											
Other bond	XS0201790317	ANGLOIRISH FRNPLD	EUR											
Other bond	XS1079817489	ARE14A1FRN%17APR46	EUR											
Other bond	XS1079818883	ARE14A2FRN%17APR46	EUR											
Other bond	XS1079819691	ARE14A3 1.136APR46	EUR											
Other bond	XS1410513425	ARENO.273%17JUN48	EUR											
Other bond	XS1135365788	AREN14IIA1FRNOCT46	EUR											
Other bond	XS1135365515	AREN14IIA2FRNOCT46	EUR											
Other bond	XS1135366240	AREN14IIA3FRNOCT46	EUR											
Other bond	XS1410512963	ARENA2FRN17JUN2048	EUR											
Other bond	XS0392640990	ARENA7I FRNOCT49	EUR											
Other bond	XS0355225060	ARENA7I FRNOCT49	EUR											
Other bond	XS1410512534	ARENAFRN17JUN2048	EUR											
Other bond	US04011NAP33	ARGENTINAZC28MAY21	EUR											
Other bond	US04011NAQ16	ARGENTINAZC28MAY26	EUR											
Other bond	US04011NAR98	ARGENTINAZC28MAY28	EUR											
Other bond	XS1293505639	ASR 5.125%29SEP45	EUR											
Other bond	NL0009213545	ASR NL 10% PL	EUR	108,2900	108,2900	108,2900	3871,3700	2	108,2900	3575				
Other bond	NL0009213552	ASR NL 7.25% PL	EUR	105,6600	105,6600	105,6600	10566,0000	1	105,6600	10000				
Other bond	XS1115800655	ASRNED5%PL	EUR	104,2400	104,2400	104,2400	1042,4000	1	104,2400	1000				
Other bond	XS0188935174	AXA FRNPL	EUR	100,5000	100,5000	100,5000	30150,0000	2	100,5000	30000				
Other bond	XS0203470157	AXA FRNPL	EUR											
Other bond	DE000A0DD4K8	BA CA FIN 2.342%PL	EUR											
Other bond	DE000A0DEJU3	BANC ESPA FRNPL	EUR											
Other bond	XS0205497778	BANCAJA 4.625%PLD	EUR											
Other bond	DE000A0DE4Q4	BANCO ESP.2 5.5%PL	EUR											
Other bond	XS0234546538	BANKOFAMERIC6%2020	EUR											
Other bond	NL0009631944	BEST10A 1.235%99	EUR											
Other bond	NL0009631951	BEST10B 1.335%99	EUR											
Other bond	NL0009631969	BEST10C 1.435%99	EUR											
Other bond	NL0009631977	BEST10D 1.535%99	EUR											
Other bond	DE000A0DYW70	BNC AUSTR FRNPL	EUR											
Other bond	XS0300654331	BNG 4.525%32	EUR											
Other bond	XS0106117764	BNG 6.020%28	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS0702058156	BNG 1.728%04JAN21	EUR											
Other bond	XS0478263816	BNG 3.75%14JAN20	EUR											
Other bond	XS0463097237	BNG 3.875%04NOV19	EUR											
Other bond	XS0630644168	BNG 3.875%26MAY23	EUR											
Other bond	XS0695263730	BNG 3%25OCT21	EUR											
Other bond	XS0494995318	BNG 4.167%18MAR30	EUR											
Other bond	XS0341306396	BNG 4.375%20	EUR											
Other bond	XS0192967171	BNG 5.21%15DEC25	EUR											
Other bond	XS0162420045	BNG AUD ZC20DEC18	AUD											
Other bond	CA629435AC25	BNG CAD 4.55%19	CAD											
Other bond	CA063806AA12	BNG CAD ZCAPR28	CAD											
Other bond	CH0021894602	BNG CHF 2 1/2%25	CHF											
Other bond	CH0022721762	BNG CHF 2 1/4%20	CHF											
Other bond	CH0031409177	BNG CHF 3.25%37	CHF											
Other bond	XS0537711144	BNG EUR 2.625%20	EUR											
Other bond	XS0671689502	BNG FRN05OCT21	EUR	101,9900	102,4100	101,9900	12272,4000	2	102,4100	12000				
Other bond	XS0575962286	BNG FRN9FEB21	EUR	101,5000	101,6300	101,4100	22324,7000	5	101,4700	22000				
Other bond	XS0106561094	BNG GBP 5 3/4%19	GBP											
Other bond	XS0092607497	BNG GBP 5 3/8%21	GBP											
Other bond	XS0096806590	BNG GBP 5.200%28	GBP											
Other bond	XS0809685158	BNG GBP1.875%DEC18	GBP											
Other bond	XS0405267062	BNG USD 5.23%38	USD											
Other bond	XS0465793643	BNG USD ZC18NOV39D	USD											
Other bond	XS0823045843	BNG ZAR Z%31AUG27	ZAR											
Other bond	XS0845463990	BNG ZAR ZC18OCT22	ZAR											
Other bond	XS0076219491	BNG ZAR ZC29DEC20	ZAR											
Other bond	XS0085675493	BNG ZAR ZC31DEC18	ZAR											
Other bond	XS0085517661	BNG ZAR ZC31DEC25	ZAR											
Other bond	XS0356235076	BNG ZC7APR38	USD											
Other bond	XS1396307693	BNG1.627%25APR2046	EUR											
Other bond	XS1030988585	BNG2.125%13FEB19	SEK											
Other bond	XS0465301017	BNG2USD ZC17NOV39D	USD											
Other bond	XS0465301108	BNG2USD ZC17NOV39D	USD											
Other bond	XS0995109518	BNG4.625%21NOV2019	AUD											
Other bond	XS0465345220	BNG4USD ZC17NOV39D	USD											
Other bond	XS0465344926	BNG5USD ZC17NOV39D	USD											
Other bond	XS0648123866	BNGAUD6.6675%JUL21	AUD											
Other bond	XS1082636959	BNGGBP1.875%7DEC18	GBP											
Other bond	XS0932063984	BNGNOK 2.375%DEC18	NOK											
Other bond	XS0677080599	BNGSEK3.365%SEP31	SEK											
Other bond	XS0307308444	BNKOFAMERIFRN2019D	EUR											
Other bond	XS1858154476	BNPPFRN25MAY2028	EUR											
Other bond	XS1810129277	BNPPFRN25MAY28	EUR											
Other bond	XS0212581564	BQ FEDERA FRNPL	EUR											
Other bond	XS0207764712	BQ FEDERAT FRNPL	EUR	70,5000	71,0000	70,5000	24775,0000	3	71,0000	35000				
Other bond	XS1629047017	BUMPER9AFRN22JUL31	EUR											
Other bond	XS1629065936	BUMPER9BFRN22JUL31	EUR											
Other bond	XS0225115566	CAIXA FRNPL	EUR											
Other bond	US136447AW96	CANPAC 4%PL	USD											
Other bond	DE0007490724	CAPRAIS 7.5%13D	EUR											
Other bond	XS0179679328	CHAP03 A FRNNOV64	EUR											
Other bond	XS0179679674	CHAP03 B FRNNOV64	EUR											
Other bond	XS0179679914	CHAP03 C FRNNOV64	EUR											
Other bond	XS0181842146	CHAP03 D FRNNOV64	EUR											
Other bond	XS0287346976	CHAP07A1 FRNJUL66	EUR											
Other bond	XS0291271319	CHAP07A2 FRNJUL66	EUR											
Other bond	XS0287349566	CHAP07B FRNJUL66	EUR											
Other bond	XS0287351463	CHAP07C FRNJUL66	EUR											
Other bond	XS0287352198	CHAP07D FRNJUL66	EUR											
Other bond	XS0287352511	CHAP07E FRNJUL66	EUR											
Other bond	XS0290510626	CHAP07F FRNJUL66	EUR											
Other bond	XS0290516409	CHAP07G FRNJUL66	EUR											
Other bond	XS0445087702	CHEPSTW1FRNNOV43D	GBP											
Other bond	XS0445087884	CHEPSTW2FRNNOV43D	GBP											
Other bond	XS0896119384	CORIO 3.25%FEB21	EUR											
Other bond	XS0864386825	CORIO 3.516%DEC22	EUR											
Other bond	XS0531584984	CORIO 5.448%AUG20	EUR											
Other bond	FR0010161026	CREDIT AG FRNPL	EUR											
Other bond	XS0301504659	CSI MAN EUR ZC19	EUR											
Other bond	XS0556969854	CWB AUS FRN8DEC18	EUR											
Other bond	DE000A0E5JD4	DB CAP T1 FRNPL	EUR											
Other bond	XS0230409301	DB FX/FL 5%35	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1373216453	DCDML16-1A28JAN49	EUR											
Other bond	XS1373216610	DCDML16-1B28JAN49	EUR											
Other bond	XS1373216701	DCDML16-1C28JAN49	EUR											
Other bond	XS1373216966	DCDML16-1D28JAN49	EUR											
Other bond	XS1373217006	DCDML16-1E28JAN49	EUR											
Other bond	XS1442019144	DCDML16-1F28JAN49	EUR											
Other bond	XS1373217261	DCDML16-1R528JAN49	EUR											
Other bond	XS0821168423	DELTA L L9%28AUG42	EUR	124,5000	124,6800	123,7100	38467,2000	7	123,7100	31000				
Other bond	XS1076781589	DELTALOYDFRNPL	EUR											
Other bond	XS0833086563	DMBS17 A1 FRNOCT44	EUR											
Other bond	XS0833089153	DMBS17 A2 FRNOCT44	EUR											
Other bond	XS0833091480	DMBS17 B FRNOCT44	EUR											
Other bond	XS0833095986	DMBS17 C FRNOCT44	EUR											
Other bond	XS0833097099	DMBS17 D FRNOCT44	EUR											
Other bond	XS0833097842	DMBS17 E FRNOCT44	EUR											
Other bond	XS0323257344	DOL07 E FRNSEP99	EUR											
Other bond	XS0495571910	DOL10 A3 FRNSEP99	EUR											
Other bond	XS0495572991	DOL10 A4 FRNSEP99	EUR											
Other bond	XS1688694287	Dolp B FRN 28SEP99	EUR											
Other bond	XS1688694790	Dolp C FRN 28SEP99	EUR											
Other bond	XS1688694527	Dolp D FRN 28SEP99	EUR											
Other bond	XS1688694360	Dolp E FRN 28SEP99	EUR											
Other bond	XS1117961653	DOLP FRN%28SEP99	EUR											
Other bond	XS1334170872	DOLPH FRN28SEP99	EUR											
Other bond	XS1385037129	DOLPH161A1FRNSEP99	EUR											
Other bond	XS1385038283	DOLPH161A2FRNSEP99	EUR											
Other bond	XS1385038796	DOLPH161A3FRNSEP99	EUR											
Other bond	XS1385037988	DOLPH161A4FRNSEP99	EUR											
Other bond	XS1046223134	DOLPHA FRN%28SEP99	EUR											
Other bond	XS1048897513	DOLPHE FRN%28SEP99	EUR											
Other bond	XS1199502797	DOLPHINM15A2SEP99	EUR											
Other bond	XS1199502870	DOLPHINM15A3SEP99	EUR											
Other bond	XS1199502953	DOLPHINM15A4SEP99	EUR											
Other bond	XS0972913908	DOLPHMASA2FRNSEP99	EUR											
Other bond	DE000A0DEN75	DPOSTB FT FRNPL	EUR											
Other bond	DE000A0DHUM0	DPOSTB FT2 FRNPL	EUR	97,7000	97,7000	97,7000	9770,0000	1	97,7000	10000				
Other bond	DE000A0D2421	DPOSTB FT3 FRNPL	EUR											
Other bond	XS1293087703	DSM 1.375%26SEP22	EUR	104,2200	104,2200	104,2200	52110,0000	1	104,2200	50000				
Other bond	XS0993228294	DSM 1.75%13NOV19	EUR											
Other bond	XS1215181980	DSM 1%9APR25	EUR											
Other bond	XS1495373505	DSM0.75%28SEP2026	EUR											
Other bond	XS1041772986	DSM2.375%03APR24	EUR											
Other bond	XS0216513118	E-MAC SA 3.292%38	EUR											
Other bond	XS0216513548	E-MAC SB 4.942%38	EUR											
Other bond	XS0216513977	E-MAC SC 6.692%38	EUR											
Other bond	XS0216514199	E-MAC SD 8.192%38	EUR											
Other bond	XS0188806870	E-MAC A 2.702%36	EUR											
Other bond	XS0207208165	E-MAC A 3.722%37	EUR											
Other bond	XS0188807506	E-MAC B 4.542%36	EUR											
Other bond	XS0207209569	E-MAC B 6.352%37	EUR											
Other bond	XS0188807928	E-MAC C 5.942%36	EUR											
Other bond	XS0207211037	E-MAC C 10.692%37	EUR											
Other bond	XS0207210906	E-MAC C 9.532%37	EUR											
Other bond	XS0188808819	E-MAC D 7.942%36	EUR											
Other bond	XS0272210765	EDAM06-4 USDFRN22D	USD											
Other bond	XS0272209163	EDAM06-7 FRNOCT22D	EUR											
Other bond	XS0272211656	EDAM6-9USD0.25%22D	USD											
Other bond	XS1744727774	EDML18AFRN28JAN57	EUR											
Other bond	XS1744728749	EDML18BFRN28JAN57	EUR											
Other bond	XS1744729044	EDML18CFRN28JAN57	EUR											
Other bond	XS1744729127	EDML18DFRN28JAN57	EUR											
Other bond	XS1744729390	EDML18EFRN28JAN57	EUR											
Other bond	XS1744729473	EDML18FFRN28JAN57	EUR											
Other bond	XS1744734556	EDML18GFRN28JAN57	EUR											
Other bond	XS1744734630	EDML18HFRN28JAN57	EUR											
Other bond	XS1744738383	EDML18RSZC28JAN57	EUR											
Other bond	XS1626192766	EDMLAFRNOCT55	EUR											
Other bond	XS1626192840	EDMLBFRNOCT55	EUR											
Other bond	XS1626193145	EDMLCFRNOCT55	EUR											
Other bond	XS1626193228	EDMLDFRNOCT55	EUR											
Other bond	XS1626193491	EDMLEFRNOCT55	EUR											
Other bond	XS1626193574	EDMLFFRNOCT55	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1626193657	EDMLRSZCOCT55	EUR											
Other bond	XS0234821345	FIGHELLAS FL 6%PLD	EUR											
Other bond	XS0224480722	EIB FRN17AUG30D	EUR	103,0000	103,0000	103,0000	25750,0000	1	103,0000	25000				
Other bond	XS0229097547	EIB FX/FL FRNOCT25	EUR	103,0100	103,0100	103,0100	21632,1000	1	103,0100	21000				
Other bond	XS0218115649	EMACNHZA 0.537%38	EUR											
Other bond	XS1396367911	ENEXIO.875%28APR26	EUR											
Other bond	XS0854400800	ENEXIS 1.875%NOV20	EUR											
Other bond	XS0737138460	ENEXIS 3.375%JAN22	EUR											
Other bond	XS1307369717	ENEXIS1.5%20OCT23	EUR											
Other bond	XS1140297182	ESSENCEV1.1%DEC63	EUR											
Other bond	XS1400651706	ESSENCEVIO.5%MAY65	EUR											
Other bond	XS1600520743	ESSENCEVIO.3%JUL57	EUR											
Other bond	XS1529559525	EUROCL1.125%7DEC26	EUR											
Other bond	XS0255154717	FB LUX CCF FRN21	EUR											
Other bond	XS1315157153	FMO 0.125%4NOV20	EUR											
Other bond	XS1758747718	FMO 0.75%29NOV23	SEK											
Other bond	XS1121265117	FMO 4.75%16OCT19	NZD											
Other bond	XS1033747079	FMO FRN 27MCH21	EUR											
Other bond	XS1124401511	FMO FRN%21OCT19	USD											
Other bond	XS1020305832	FMO FRN%29JAN21	EUR											
Other bond	XS1219963672	FMO0.125%20APR22	EUR											
Other bond	XS1117279379	FMO1.5%08DEC25	EUR											
Other bond	XS1396344621	FMONEDFRN18APR2019	USD											
Other bond	XS1756483480	FORDLEST18FRNFB54	EUR											
Other bond	DE000A0EUBN9	FURSTEN2 5.5/8%PL	EUR	71,0000	71,0000	71,0000	3550,0000	1	71,0000	5000				
Other bond	XS0216072230	FURSTENB 5.344%PL	EUR											
Other bond	XS1892117919	GASUN1.375%16MAR28	EUR											
Other bond	XS0480096469	GFM10 B FRNNOV99	EUR											
Other bond	XS0480096626	GFM10 C FRNNOV99	EUR											
Other bond	XS0935140920	GFM13IIA4 FRNMAI99	EUR											
Other bond	XS0935141654	GFM13IIA5 FRNMAI99	EUR											
Other bond	XS0935142389	GFM13IIA6 FRNMAI99	EUR											
Other bond	XS0935143601	GFM13IIA7 FRNMAI99	EUR											
Other bond	XS0935144914	GFM13IIB FRNMAI99	EUR											
Other bond	XS0935145721	GFM13IIC FRNMAI99	EUR											
Other bond	XS0203171755	GREECE 2.327%PL	EUR											
Other bond	XS0203173298	GREECEUSD2.1985%PL	USD											
Other bond	XS1609025744	GRESTORM17FRNAPR64	EUR											
Other bond	NL0009704154	GRL1 A3 FRNNOV42	EUR											
Other bond	NL0009704162	GRL1 A4 FRNNOV42	EUR											
Other bond	NL0009704170	GRL1 B FRNNOV42	EUR											
Other bond	NL0009704188	GRL1 C FRNNOV42	EUR											
Other bond	NL0009704196	GRL1 D FRNNOV42	EUR											
Other bond	XS1815379067	GRSTOR18FRN22MAY65	EUR											
Other bond	XS1309695341	GRSTORM16AFRNOCT52	EUR											
Other bond	XS1309697982	GRSTORM16BFRNOCT52	EUR											
Other bond	XS1309698014	GRSTORM16CFRNOCT52	EUR											
Other bond	XS1309698360	GRSTORM16DFRNOCT52	EUR											
Other bond	XS1309698790	GRSTORM16EFRNOCT52	EUR											
Other bond	DE000A0E4657	HELABA 5 1/2%PL	EUR											
Other bond	DE000A0G18M4	HELABAMC2 5.75%PL	EUR											
Other bond	XS0367262705	HERM A XV FRNAPR45	EUR											
Other bond	XS0367268736	HERMD XV 2.277%45	EUR											
Other bond	XS0271029562	HERMESXIE1.363%38	EUR											
Other bond	XS0311660392	HHOMOR2 2A FRN39	EUR											
Other bond	XS1240962511	HIGHWAY15AFRNMAY25	EUR											
Other bond	XS0221141400	HSHSPHERE 7.25%PLD	USD											
Other bond	DE000A0AMCG6	HYBRAIS 6.625%54D	EUR											
Other bond	NL0010511101	HYPENA2 2.46%NOV97	EUR											
Other bond	NL0010511119	HYPENA3 2.93%NOV97	EUR											
Other bond	NL0010739371	HYPENIA2FRNFEB46	EUR											
Other bond	NL0011474077	HYPENNA42FRNOCT97	EUR											
Other bond	NL0011821129	HYPENNA51FRNOCT97	EUR											
Other bond	NL0011821137	HYPENNA52FRNOCT97	EUR											
Other bond	NL0011984489	HYPENNA6FRNSEP2097	EUR											
Other bond	NL0010739389	HYPENIA3 1.64%FB46	EUR											
Other bond	NL0000122489	ING 5 1/4%19	EUR											
Other bond	XS1080078428	ING 1.25%13DEC19	EUR											
Other bond	XS1730885073	ING 1.375%11JAN28	EUR											
Other bond	XS0935034651	ING 1.875% 22MAY23	EUR											
Other bond	XS0873155252	ING 2.03%11JAN23	EUR											
Other bond	XS0893311299	ING 2.35%21OCT24	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1564394796	ING 2.5%15FEB29	EUR											
Other bond	XS0820867223	ING 2%28AUG20	EUR											
Other bond	XS0705071297	ING 3.2168%7NOV31	EUR											
Other bond	XS0767706111	ING 3.25%03APR19	EUR											
Other bond	XS0834945650	ING 3.25%26SEP22	EUR											
Other bond	XS0728783373	ING 3.375%10JAN22	EUR											
Other bond	XS1037382535	ING 3.625%25FEB26	EUR											
Other bond	XS0563447993	ING 3.875%03DEC20	EUR											
Other bond	XS1634362054	ING 4.25%23JUN32	USD											
Other bond	XS0748187902	ING 4.5%21FEB22	EUR											
Other bond	XS0555431278	ING 4.715%02NOV20	NOK											
Other bond	XS0579847673	ING 4.875%18JAN11	EUR											
Other bond	XS0479696204	ING 4%17JAN20	EUR											
Other bond	XS0842216276	ING CB FRN12OCT20	EUR											
Other bond	XS0097222466	ING FRN19MAY19	EUR											
Other bond	XS0523524790	ING FRN27SEP20	EUR											
Other bond	XS0618011463	ING GBP5.375%APR21	GBP											
Other bond	XS0752263730	ING NOK 4.7%7MCH27	NOK											
Other bond	XS0862694816	ING NOK 4%17DEC27	NOK											
Other bond	XS0552397118	ING NOK4.6%27OCT20	NOK											
Other bond	XS0831430292	ING NOK4.9%27SEP22	NOK											
Other bond	XS0672356226	ING NOK5.03%7SEP26	NOK											
Other bond	XS0587741546	ING NOK5.19%3FEB21	NOK											
Other bond	XS0629082032	ING NZD7.4%26MAY21	NZD											
Other bond	XS0811904456	ING USD 3.15%AUG32	USD											
Other bond	XS1912811012	ING1.36%21NOV2033	EUR											
Other bond	XS0995102695	ING3.5%21NOV2023	EUR											
Other bond	XS0963992861	ING3.6%AUG2043	EUR											
Other bond	XS0671362506	ING3.625% 31AUG21	EUR											
Other bond	XS0995102778	ING4.125%21NOV23	USD											
Other bond	XS1914937021	INGBA0.375%26NOV21	EUR											
Other bond	XS0430609296	INGBANK 4.75% 19	EUR	102,4200	102,4200	102,4200	15363,0000	1	102,4200	15000				
Other bond	XS1169586606	INGBANK0.7%16APR20	EUR											
Other bond	XS1368576572	INGBANK0.75%FEB21	EUR											
Other bond	XS1914936999	INGBANKFRN26NOV20	EUR											
Other bond	XS1914936726	INGBANKFRN26NOV21	EUR											
Other bond	XS1805257265	INGBK0.875%11APR28	EUR											
Other bond	XS1865698499	INGBK1.296%15AUG33	EUR											
Other bond	XS1884009140	INGBK1.388%25SEP34	EUR											
Other bond	XS1853269428	INGBK1.445%6JUL38	EUR											
Other bond	XS1865698572	INGBK1.49%15AUG38	EUR											
Other bond	XS1324217733	INGBNK0.75%24NOV20	EUR											
Other bond	XS1771838494	INGGR1.125%14FEB25	EUR											
Other bond	XS1689540935	INGGR1.625%26SEP29	EUR											
Other bond	XS1796079488	INGGR2%22MAR2030	EUR											
Other bond	XS1796077946	INGGR4.7%22MAR2028	USD											
Other bond	XS1590823859	INGGROE3%11APR2028	EUR											
Other bond	NL0000113587	INGGROEP FRNPL	EUR	77,4900	77,7500	77,0000	222950,2500	8	77,5000	287700				
Other bond	NL0000116127	INGGROEP FRNPL	EUR	73,5000	75,0000	73,5000	196868,0000	19	74,0000	265000				
Other bond	XS1576220484	INGGROEP0.75%MAR22	EUR											
Other bond	XS1882544627	INGGROEP1%20SEP23	EUR											
Other bond	XS1882544973	INGGROEP2%20SEP28	EUR											
Other bond	XS1683357252	INGGROEP4%14SEP32	USD											
Other bond	XS1882544205	INGGROEPFRN20SEP23	EUR											
Other bond	XS1909186451	INGGRP2.5%15NOV30	EUR											
Other bond	XS0586994542	INGNOK5.115%1FEB21	NOK											
Other bond	XS0222934944	INVESTEC P7.075%PL	EUR											
Other bond	XS0221640070	ISLANDBANKI 8%PLD	EUR											
Other bond	XS0228393731	JPM RAN FRNAUG35D	EUR											
Other bond	XS0194983366	JYSKE BANK FRNPL	EUR											
Other bond	XS0997385967	KIGOIFRN27JANG4	EUR											
Other bond	XS0411850075	KONINKPN 7.5% 19	EUR	101,3500	101,3500	101,3500	30405,0000	1	101,3500	30000				
Other bond	XS0811124790	KPN 3.25%01FEB21	EUR											
Other bond	XS0543354236	KPN 3.75%21SEP20	EUR											
Other bond	XS0752092311	KPN 4.25%01MCH22	EUR											
Other bond	XS0677389347	KPN 4.50%4OCT21	EUR											
Other bond	XS0454773713	KPN 5.625%30SEP24	EUR											
Other bond	XS0451790280	KPN 5.75%17SEP29	GBP											
Other bond	XS0707430947	KPN GBP 5%18NOV26	GBP											
Other bond	XS0303070113	KPN GBP 6%19	GBP											
Other bond	XS0903872603	KPN GBP FRN14MCH73	GBP											
Other bond	USN7637QAC70	KPN USD 8 3/8%30	USD											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1485532896	KPN0.625%09APR2025	EUR											
Other bond	XS1485533431	KPN1.125%11SEP2028	EUR											
Other bond	US780641AH94	KPN2 USD 8 3/8%30	USD											
Other bond	US50048VAA89	KPNUSD144AFRNMCH73	USD											
Other bond	USN42978BC74	KPNUSD05 FRNMAR73	USD											
Other bond	NL0009706399	LAN4.75%09OCT19	EUR	103,2600	103,2600	103,2600	85705,8000	4	103,2600	83000				
Other bond	XS0244143961	LANSBANKI6.25%PLD	EUR											
Other bond	XS0984200617	LEASEP2.375%APR19	EUR											
Other bond	XS1604200904	LEASEPRRN4NOV2020	EUR											
Other bond	XS1693260702	LEASEPL0.75%3OCT22	EUR											
Other bond	XS1814402878	LEASEPL1%2MAY2023	EUR											
Other bond	XS1418631930	LEASEPLAN1%24MAY21	EUR											
Other bond	XS1392460397	LEASEPLAN1%8APR20	EUR											
Other bond	XS1567177032	LEASEPLANFRNFEB20	EUR											
Other bond	XS1757442071	LEASEPLFRN25JAN21	EUR											
Other bond	XS1225442901	LEASPLAN0.82%APR19	EUR											
Other bond	XS1068010377	LEASPLAN1.66%DEC18	EUR											
Other bond	XS0229584296	LEHMAN 7.25%35D	EUR											
Other bond	XS0282978666	LEHMAN 5.75%PLD	EUR											
Other bond	XS0215349357	LEHMAN 6.625%PLD	EUR											
Other bond	XS0301813522	LEHMAN 6.9%PLD	USD											
Other bond	XS0232364868	LEHMAN 6%35D	EUR											
Other bond	XS0213416141	LEHMAN 8.25%MRT35D	EUR											
Other bond	XS0210433206	LEHMAN FRCMS6%35D	EUR											
Other bond	XS0218304458	LEHMAN STEEP 7%35D	EUR											
Other bond	XS0988484878	LOWLAND3A1FRNSEP45	EUR											
Other bond	XS1551596775	LOWLAND4FRNFEB2054	EUR											
Other bond	XS1815297095	LOWLAND51%18MAY55	EUR											
Other bond	XS1815296014	LOWLAND5FRN18MAY55	EUR											
Other bond	XS0988486493	LOWLANDA23.5%SEP45	EUR											
Other bond	XS1551596858	LOWLANDIV1%FEB2056	EUR											
Other bond	XS1895558143	LOWLAVIA21%18OCT55	EUR											
Other bond	XS1895557848	LOWLVIA1FRN18OCT55	EUR											
Other bond	XS1301052202	LUCHTHAVENS2%OCT26	EUR											
Other bond	NL0000117430	MAN AHL FRNNOV20D	EUR											
Other bond	XS0211328538	MBIA GF FRN15FEB3	EUR											
Other bond	XS1114467415	MGNSTANLEYFRNDEC18	USD											
Other bond	XS0271447210	MONAS06B FRNNOV44	EUR											
Other bond	XS0271448457	MONAS06C FRNNOV44	EUR											
Other bond	XS0271450784	MONAS06D FRNNOV44	EUR											
Other bond	XS0201262309	MONAST A2 1.003%37	EUR											
Other bond	XS0201263372	MONAST C 1.463%37	EUR											
Other bond	XS0201263612	MONAST D 2.413%37	EUR											
Other bond	XS0201264008	MONAST E 3.413%37	EUR											
Other bond	XS0201264180	MONAST F 4.413%37	EUR											
Other bond	XS0202244017	MONAST G 4.413%37	EUR											
Other bond	XS0271446592	MONAST06A2 FRN44	EUR											
Other bond	XS0201262721	MONASTI B 1.283%37	EUR											
Other bond	XS0257884436	NEDGAS 4 1/2%21	EUR											
Other bond	XS0804217536	NEDGAS 2.625%JUL22	EUR											
Other bond	XS0690606172	NEDGAS 3.625%OCT21	EUR											
Other bond	XS1520713022	NEDGAS0%18NOV19	EUR											
Other bond	XS1409382030	NEDGASUNIE1%MAY26	EUR											
Other bond	XS0195051114	NEDWBK 5.15%24	EUR											
Other bond	XS0193072559	NEDWBK 1.152%19	EUR											
Other bond	XS0212342066	NEDWBK 3 7/8%20	EUR											
Other bond	XS0130092793	NEDWBK 5 3/8%32	GBP											
Other bond	CA639832AA25	NEDWBK CAD 5.2%25	CAD											
Other bond	XS0611951814	NEDWBK FRN27APR21	EUR	102,0000	102,2500	101,7500	95911,0000	8	102,2500	94000				
Other bond	XS0217042885	NEDWBK FRN30OCT34	EUR											
Other bond	XS0212064231	NEDWBK FRN30OCT34	EUR											
Other bond	XS0207612614	NEDWBK USD 2CDEC34	USD											
Other bond	XS0149727496	NEDWBK USD 2CJUL22	USD											
Other bond	XS0149727736	NEDWBK USD 2CJUL22	USD											
Other bond	XS0171957433	NEDWBK USD 2CJUL33	USD											
Other bond	XS0176581311	NEDWBK USD 2CSEP23	USD											
Other bond	XS0286430128	NEDWBK7 3.875%20	EUR											
Other bond	XS1622394143	NFMO 0.125%1JUN23	EUR											
Other bond	XS1597290524	NFMO 0.75%29NOV23	SEK											
Other bond	XS0846551710	NFMO 1.8%29OCT19	USD											
Other bond	XS1551501577	NFMO FRN 20JAN20	USD											
Other bond	XS0945230109	NFMO FRN26JUN2019	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS0943345198	NFMO ZC12JUL2022	USD											
Other bond	XS094334656	NFMO ZC23JUN2023	USD											
Other bond	XS0943344621	NFMO ZC26MAR2019	USD											
Other bond	XS1527323411	NFMO0.75%29NOV2023	SEK											
Other bond	XS0210781828	NIBC FRN21FEB40	EUR											
Other bond	XS0249580357	NIBC FRNPL	EUR											
Other bond	XS0215294512	NIBC FRNPL	USD	80,000	80,000	80,000	17724,2200	1	80,000	25000				
Other bond	XS1222431097	NIBCO.25%APR2022	EUR											
Other bond	XS1423753463	NIBCO.625%1JUN2026	EUR											
Other bond	XS1054163347	NIBC1.25%08APR2019	EUR											
Other bond	XS1909177625	NIBC3.125%15NOV23	GBP											
Other bond	XS1183596151	NIBC4%24MAR25	EUR											
Other bond	XS1753809141	NIBCAN1%24JAN2028	EUR											
Other bond	XS1891426766	NIBC2.105%10OCT33	EUR											
Other bond	XS1877512258	NIBCBAN1%11SEP2028	EUR											
Other bond	XS1687263258	NIBCBKFRN20SEP19	EUR											
Other bond	XS1070004707	NIBCFRN23MAY19	EUR											
Other bond	XS1033023745	NL MTN 1% 18FEB19	EUR											
Other bond	XS1550988569	NN 0.875 13JAN23	EUR											
Other bond	XS1550988643	NN 4.625 13 JAN48	EUR											
Other bond	NL0013019375	NNBAN0.625%11SEP25	EUR											
Other bond	NL0012650477	NNBANK0.5%10OCT24	EUR											
Other bond	NL0013088990	NNBANK1%25SEP2028	EUR											
Other bond	XS1623355374	NNGROUP0.25%1JUN20	EUR											
Other bond	XS1204254715	NNGROUP1%18MAR22	EUR											
Other bond	XS1028950290	NNGROUP4.5%PL	EUR	100,5000	101,5000	100,5000	43245,0000	3	100,5000	43000				
Other bond	XS1054522922	NNGROUP4.625%APR44	EUR											
Other bond	XS1623355457	NNGRP1.625%1JUN27	EUR											
Other bond	XS0200688256	NORDEA BK FRNPL	EUR											
Other bond	XS0232189331	NORDIC IB FRNOCT25	EUR											
Other bond	XS0592584519	NWB FRN25FEB26D	EUR											
Other bond	XS1090889350	OCH A1 FRN27NOV75	EUR											
Other bond	XS1210016165	OCH A2 FRN27NOV75	EUR											
Other bond	XS1090889517	OCH B FRN27NOV75	EUR											
Other bond	XS1090889608	OCH C FRN27NOV75	EUR											
Other bond	XS0215556142	OLDMUTUAL 6.376%PL	GBP											
Other bond	NL0011866207	OLXIIIFRN20JUN2052	EUR											
Other bond	NL0011866231	OLXIVFRN20JUN2052	EUR											
Other bond	NL0011866264	OLXVFRN20JUN2052	EUR											
Other bond	NL0012707327	OLXVIA1FRN20FEB57	EUR											
Other bond	NL0012707335	OLXVIA2FRN20FEB57	EUR											
Other bond	NL0000133924	OOSTNRIJK 6 1/4%24	NLG											
Other bond	AT0000383864	OOSTNRIJK 6 1/4%27	EUR											
Other bond	XS0212688013	OOSTRIJK FRN4MCH20	EUR											
Other bond	XS0217517829	OOSTRIJK FRNAPR20	EUR											
Other bond	NL0011275425	ORALION11AFRNAPR47	EUR											
Other bond	NL0011333729	ORALION12AFRNJUL47	EUR											
Other bond	NL0010365896	ORAN 8A FRN%NOV44	EUR											
Other bond	NL0010525457	ORAN10A FRNJUN2045	EUR											
Other bond	NL0010525465	ORAN10B FRNJUN2045	EUR											
Other bond	NL0010525473	ORAN10C FRNJUN2045	EUR											
Other bond	NL0010525481	ORAN10D FRNJUN2045	EUR											
Other bond	NL0010525499	ORAN10E FRNJUN2045	EUR											
Other bond	NL0010525507	ORAN10F FRNJUN2045	EUR											
Other bond	NL0010395133	ORAN9A FRNMCH51	EUR											
Other bond	XS0265252253	PEAMBS1 FRNSEP47	EUR											
Other bond	XS0265250638	PEAMBS1 FRNSEP47	EUR											
Other bond	XS0544014854	PHED10 A FRNOCT48	EUR											
Other bond	XS0544016396	PHED10 B FRNOCT48	EUR											
Other bond	XS1709433509	POSTNL1%NOV24	EUR											
Other bond	XS0736639112	PRIM A FRN28NOV40	EUR											
Other bond	XS0736642686	PRIM B FRN28NOV40	EUR											
Other bond	XS0736644203	PRIM C FRN28NOV40	EUR											
Other bond	XS1434632813	PUSTOM16AFRNAUG52	EUR											
Other bond	XS1434642374	PUSTOM16BFRNAUG52	EUR											
Other bond	XS1434645047	PUSTOM16CFRNAUG52	EUR											
Other bond	XS1434646797	PUSTOM16DFRNAUG52	EUR											
Other bond	XS1434647092	PUSTOM16GFRNAUG52	EUR											
Other bond	XS0954910146	RABO 3.875%25JUL23	EUR											
Other bond	XS0576532054	RABO 4.125%12JAN21	EUR	108,5400	108,5400	108,5400	27135,0000	1	108,5400	25000				
Other bond	XS1155699371	RABO1.055%18DEC23	EUR											
Other bond	XS1382784509	RABO1.25%23MAR2026	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1180130939	RABO1.375%3FEB27	EUR											
Other bond	XS1771890578	RABO1.514%22FEB38	EUR											
Other bond	XS1020295348	RABO1.75%22JAN19	EUR											
Other bond	XS1069772082	RABO2.5%26MAY26	EUR											
Other bond	XS1069886841	RABO4.625%23MAY29	GBP											
Other bond	XS1592433038	RABOBAN4%10APR2029	USD											
Other bond	XS1171914515	RABOBANK5.5%PL	EUR											
Other bond	XS1753042313	RABOBANKFRN17JAN20	EUR											
Other bond	XS0429484891	RABOBNEED 5.875%19	EUR											
Other bond	XS0368541032	RABOBNEED 6.567% PL	GBP											
Other bond	XS1002121454	RABOCERTIFFRNL	EUR	111,0000	111,0000	110,1100	8850015,4200	432	110,2500	8003700				
Other bond	XS1796266598	RABOFRN22MAR2021	GBP											
Other bond	XS1239520494	RABOFRN29MAY20	EUR											
Other bond	XS0256967869	RB 4 3/8%21	EUR											
Other bond	XS1622193248	RB 0.25%31MAY24	EUR											
Other bond	XS1642738816	RB 0.5%6DEC22	EUR											
Other bond	XS0502907602	RB 0.69%14MAY20	EUR											
Other bond	XS1622193321	RB 1.25%31MAY32	EUR											
Other bond	XS1905517501	RB 1.25%31MAY32	EUR											
Other bond	XS0545059148	RB 2.09%17NOV2020	EUR											
Other bond	XS0557525417	RB 3.75%09NOV20	EUR	106,5500	106,5500	106,5500	53275,0000	1	106,5500	50000				
Other bond	XS0478074924	RB 4.125%14JAN20	EUR	105,4100	105,4100	105,4100	1054,1000	1	105,4100	1000				
Other bond	XS0525602339	RB 4.125%14JUL25	EUR											
Other bond	XS0826634874	RB 4.125%14SEP22	EUR											
Other bond	XS0349975861	RB 4.9325%33	EUR											
Other bond	XS0728812495	RB 4%11JAN22	EUR											
Other bond	XS0496281618	RB 6.875% 19MAR20	EUR											
Other bond	XS0439192617	RB CALL 2C16JUL39	USD											
Other bond	XS0304159576	RB FIX RAT 4.75%22	EUR											
Other bond	XS1046796253	RB FRN%20MCH19	EUR											
Other bond	XS0609140529	RB FRN04APR24	EUR											
Other bond	XS0517244538	RB FRN09JUL20D	EUR											
Other bond	XS0629170837	RB FRN22JUN21	EUR											
Other bond	XS0607109377	RB FRN27APR21	EUR											
Other bond	XS0608323407	RB FRN28MCH21	EUR											
Other bond	XS0607452264	RB FRN28MCH24	EUR											
Other bond	XS0598793833	RB FX/FRN4.5%MCH24	EUR											
Other bond	XS0211503478	RB FX/IL FRNFE820	EUR											
Other bond	XS0211284491	RB FX/IL FRNFE835	EUR	118,5000	118,5000	116,3300	141636,5000	11	117,0000	121000				
Other bond	XS1205680785	RB GBP2.25%23MCH22	GBP											
Other bond	XS0827563452	RB GBP5.25%14SEP27	GBP											
Other bond	DE000A0E6C37	RB SCOTL 5.25%PL	EUR											
Other bond	XS0205935470	RB SCOTL 5.5%PL	EUR											
Other bond	XS0485185754	RB TRY10.20%FEB19	TRY											
Other bond	XS0431744282	RB USD 11%PL	USD											
Other bond	US749770AQ67	RB USD RS11%PERP	USD											
Other bond	XS0437551376	RB USD ZC09JUL39D	USD											
Other bond	XS0436042872	RB USDCALZC03JUL39	USD											
Other bond	XS0077909371	RB ZAR ZC23JUL27	ZAR											
Other bond	XS0086016150	RB ZAR ZC30DEC20	ZAR											
Other bond	DE0001346955	RB ZC28OCT26	DEM											
Other bond	XS0458103560	RB ZC29OCT49	EUR											
Other bond	XS0933540527	RB2.375%22MAY23	EUR											
Other bond	XS0431304715	RB CALL ZC%04JUN39D	USD											
Other bond	NL0000122505	RB FRN10JUN19	EUR											
Other bond	XS0436313653	RB USDCALZC06JUL39D	USD											
Other bond	DE0009842542	RESPARC 7.5%PLD	EUR											
Other bond	XS1437013870	RSCHIG1.124%JUL28	EUR											
Other bond	XS0997565436	RSCHIG2.936%DEC25	EUR											
Other bond	XS0983151282	RSCHIG3.0842%OCT25	EUR											
Other bond	XS0621167732	RSCHIG4.43%APR21	EUR											
Other bond	XS0459479399	RSCHIG4.935%OCT19	EUR											
Other bond	XS0459442710	RSCHIG4.966%OCT19	EUR											
Other bond	XS0193631040	RZB FIN 3 FRNPL	EUR											
Other bond	XS1033757201	SAECUR14A2FRNJAN92	EUR											
Other bond	XS1028941620	SAECUR15A1FRNJAN92	EUR											
Other bond	XS1028942511	SAECUR15A2FRNJAN92	EUR											
Other bond	XS1900198539	SAECUR16FRN30OCT91	EUR											
Other bond	XS0202774245	SANTANDER 5 3/4%PL	EUR											
Other bond	XS0202197694	SANTANDER FRNPL	EUR											
Other bond	XS1900101046	SCHIPOL1.5%5NOV30	EUR											
Other bond	XS0468954523	SNS 11.25%PL	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS0552743048	SNS LT2 6.25%OCT20	EUR											
Other bond	XS0616936372	SRLEV LT2 9%APR41	EUR	113,5500	113,5500	113,1000	105373,0000	6	113,1000	93000				
Other bond	XS1878266326	STEDI1.375%19SEP28	EUR											
Other bond	XS1705553417	STEDIN FRN24OCT22	EUR											
Other bond	XS1705553250	STEDIN.875%24OCT25	EUR											
Other bond	XS0158000629	STICHU02A 0.937%39	EUR											
Other bond	XS1112010217	STM14IIIA2FRNFEBS3	EUR											
Other bond	XS1022033135	STO14A FRN%22MCH49	EUR											
Other bond	XS1022034372	STO14B FRN%22MCH49	EUR											
Other bond	XS1022034455	STO14C FRN%22MCH49	EUR											
Other bond	XS1022034539	STO14D FRN%22MCH49	EUR											
Other bond	XS1865824111	STOR18IIIFRN22SEP65	EUR											
Other bond	XS1197737684	STORM15AFRN22JUN54	EUR											
Other bond	XS1197753376	STORM15BFRN22JUN54	EUR											
Other bond	XS1197758250	STORM15CFRN22JUN54	EUR											
Other bond	XS1197763417	STORM15DFRN22JUN54	EUR											
Other bond	XS1271705334	STORM15IBAFRNJUN54	EUR											
Other bond	XS1271705177	STORM15IIAFRNJUN54	EUR											
Other bond	XS1271705417	STORM15IIICFRNJUN54	EUR											
Other bond	XS1271705680	STORM15IIDFRNJUN54	EUR											
Other bond	XS1336735805	STORM16IA1FRNAPR54	EUR											
Other bond	XS1336738221	STORM16IA2FRNAPR54	EUR											
Other bond	XS1336739039	STORM16IBFRNAPR54	EUR											
Other bond	XS1336739625	STORM16ICFRNAPR54	EUR											
Other bond	XS1336740805	STORM16IDFRNAPR54	EUR											
Other bond	XS1336743148	STORM16IEFRNAPR54	EUR											
Other bond	XS1477681255	STORM16IIAFRNAUG63	EUR											
Other bond	XS1477681339	STORM16IIBFRNAUG63	EUR											
Other bond	XS1477681503	STORM16IICFRNAUG63	EUR											
Other bond	XS1477682147	STORM16IIDFRNAUG63	EUR											
Other bond	XS1477682493	STORM16IIIEFRNAUG63	EUR											
Other bond	XS1628023134	STORM17FRN22MAY64	EUR											
Other bond	XS1729913514	STORM18FRN22JAN65	EUR											
Other bond	XS0514796704	STRM10II E FRN52	EUR											
Other bond	XS0537424326	STRM10III E FRN52	EUR											
Other bond	XS0563148906	STRM10IV E FRN52	EUR											
Other bond	XS0608462866	STRM11III E FRN53	EUR											
Other bond	XS0930213987	STRM13IIIAFRNAUG53	EUR											
Other bond	XS0930215099	STRM13IIIBFRNAUG53	EUR											
Other bond	XS0930215842	STRM13IIICFRNAUG53	EUR											
Other bond	XS0930216576	STRM13IIIDFRNAUG53	EUR											
Other bond	XS1071275181	STRM14IIA2FRNMAR51	EUR											
Other bond	XS1071275850	STRM14IIBFRNMAR51	EUR											
Other bond	XS1071276403	STRM14IICFRNMAR51	EUR											
Other bond	XS1071277120	STRM14IIDFRNMAR51	EUR											
Other bond	XS1112010308	STRM14IIIBFRNFEBS3	EUR											
Other bond	XS1112010480	STRM14IIICFRNFEBS3	EUR											
Other bond	XS1112011967	STRM14IIIDFRNFEBS3	EUR											
Other bond	XS1543625336	STRM17I FRN26JAN64	EUR											
Other bond	XS1529105766	STRONGFRN22DEC2026	EUR											
Other bond	XS0205055675	SYDBANK 2.812%PL	EUR											
Other bond	XS0485616758	TENNET 4.50%9FEB22	EUR											
Other bond	XS0593606121	TENNET 4.625%FEB23	EUR											
Other bond	XS0513509959	TENNET 4.75% JUN30	EUR											
Other bond	XS1632897762	TENNET0.75%JUN25	EUR											
Other bond	XS1505568136	TENNET1.25%24OCT33	EUR											
Other bond	XS1828037587	TENNET1.375%5JUN28	EUR											
Other bond	XS1632897929	TENNET1.375%JUN29	EUR											
Other bond	XS0988014212	TENNET2.125%NOV20	EUR											
Other bond	XS1591694481	TENNET2.995%PERPT	EUR											
Other bond	XS1828037827	TENNET2%5JUN34	EUR											
Other bond	XS1241581179	TENNETH0.875%JUN21	EUR											
Other bond	XS1241581096	TENNETH1.75%JUN27	EUR											
Other bond	XS1432384409	TENNETH1.875%JUN36	EUR											
Other bond	XS1432384664	TENNETH1%13JUN2026	EUR											
Other bond	XS0219992616	TOPAZ J3 FRNMAY20D	JPY											
Other bond	XS1560644830	UN GBP1.125%3FEB22	GBP											
Other bond	XS1654191623	UNI 0 PCT31JUL21	EUR											
Other bond	XS1566100577	UNI 0.375%14FEB23	EUR											
Other bond	XS1654192191	UNI 0.875% 31JUL25	EUR											
Other bond	XS1654192274	UNI 1.375% 31JUL29	EUR											
Other bond	XS1048655184	UNI 2%19DEC2018	GBP											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Other bond	XS1566101603	UNI1%14FEB27	EUR											
Other bond	XS1769090728	UNIL0.5%12FEB2023	EUR											
Other bond	XS1873208950	UNIL0.5%6JAN2025	EUR											
Other bond	XS1769090991	UNIL1.125%12FEB27	EUR											
Other bond	XS1873209172	UNIL1.375%4SEP2030	EUR											
Other bond	XS1769091296	UNIL1.625%12FEB33	EUR											
Other bond	XS1684780031	UNILEVE1.375%SEP24	GBP											
Other bond	XS1684780205	UNILEVE1.875%SEP29	GBP											
Other bond	XS1403014936	UNILEVER0.5%APR24	EUR											
Other bond	XS1178970106	UNILEVER0.5%FEB22	EUR											
Other bond	XS1403010512	UNILEVER0%APR20	EUR											
Other bond	XS0957258212	UNILEVER1.75%AUG20	EUR											
Other bond	XS1241577490	UNILEVER1%JUN23	EUR											
Other bond	XS1403015156	UNILEVR1.125%APR28	EUR											
Other bond	IT0003758320	VELA A2 FRNMCH51	EUR											
Other bond	XS1736944072	VESTE1.899%15DEC27	EUR											
Other bond	XS1736944239	VESTE2.478%15DEC32	EUR											
Other bond	XS1089859505	VESTEDA1.75%JUL19	EUR											
Other bond	XS1311331117	VESTEDA2.5%27OCT22	EUR											
Other bond	XS1854166078	VESTEDA2%10JUL2026	EUR											
Other bond	XS1600704982	VIVAT2.375%17MAY24	EUR											
Other bond	XS1224002474	VLANS0.275%28APR22	EUR											
Other bond	XS1387192435	VLANS0.375%31MAR23	EUR											
Other bond	XS1565570212	VLANS0.875%15FEB27	EUR											
Other bond	NL0009706597	VLANSCHBFRN04APR24	EUR											
Other bond	XS0544664989	VOLKS 3.50%28SEP20	EUR											
Other bond	XS0209792166	VOLKS FRNJAN35	EUR											
Other bond	XS1614202049	VOLKS0.75%18MAY27	EUR											
Other bond	XS1648236013	WEREL1.702%17JUL25	EUR											
Other bond	XS0109346139	WUH 6.315%20	EUR											
Right	NL0012747067	DUTCH STAR C WAR	EUR											
Right	NL0000009322	PHILIPS BUY BACK	EUR											
Right	NL0011556972	ROODMICROTECWAR2	EUR		0,0120	0,0125	0,0120	87,4800	3	0,0125		7005		
Share	NL0000852564	AALBERTS INDUSTR	EUR	31,6500	31,9300	31,4300	9516605,7400	2329	31,6000	300685				
Share	NL0011540547	ABN AMRO Group	EUR	23,0200	23,1000	22,6800	29527883,7000	3888	22,8200	1292602				
Share	NL0009767532	ACCELL GROUP	EUR	18,3400	18,5800	18,3400	605319,6000	197	18,4200	32769				
Share	GB008BQFX454	ACCSYS	EUR	1,2550	1,2950	1,2500	141502,6900	68	1,2950	110421				
Share	NL0012969182	ADYEN	EUR	456,4500	463,0000	452,0500	11614224,3500	2329	453,0500	25535				
Share	NL0000303709	AEGON	EUR	5,0300	5,0480	4,9510	36296196,9400	6751	4,9560	7295917				
Share	NL0011794037	AHOLD DEL	EUR	22,6900	22,8500	22,6700	97917211,1200	11528	22,6800	4305582				
Share	NL0000018034	AJAX	EUR	14,7000	14,7500	14,4500	184630,2000	108	14,6000	12665				
Share	NL0000009132	AKZO NOBEL	EUR	72,6400	73,5000	71,7200	57458463,0200	7122	73,0400	789565				
Share	NL0012817175	ALFEN	EUR	13,0500	13,2620	12,8000	164389,8500	122	13,0280	12572				
Share	NL0011333760	ALTICE EUROPE B	EUR	1,7360	1,9090	1,7360	285483,7900	170	1,8720	157689				
Share	NL0011333752	ALTICE EUROPE N.V.	EUR	1,7295	1,8935	1,7150	37077109,2200	10322	1,8495	20348569				
Share	NL0012194724	ALUMEXX N.V.	EUR	0,5900	0,6160	0,5780	19809,6200	29	0,6100	33396				
Share	NL0000888691	AMG	EUR	37,7400	38,8000	37,4800	10023303,7200	2328	38,7600	262128				
Share	NL0000313286	AMSTERDAM COMMODO	EUR	17,9800	17,9800	17,5400	177203,2600	101	17,7600	10001				
Share	NL0000430106	AND INTERNATIONAL	EUR	2,5600	2,6400	2,5500	4156,8800	7	2,6400	1597				
Share	GB00815YOC52	AP ALTERNAT ASSETS	USD	0,1200	0,1300	0,1200	7794,6200	4	0,1300	67811				
Share	LU0569974404	APERAM	EUR	25,6900	26,5900	25,5400	10272364,4700	2371	26,1600	391562				
Share	NL0006237562	ARCADIS	EUR	11,2500	11,3200	11,0600	1758802,8700	709	11,1000	157732				
Share	LU1598757687	ARCELORMITTAL SA	EUR	19,7400	19,8660	19,5040	108505860,9200	20284	19,6680	5513302				
Share	NL0000334118	ASM INTERNATIONAL	EUR	37,2400	37,9200	37,0600	9081389,4900	2169	37,2500	242320				
Share	NL0010273215	ASML HOLDING	EUR	149,1800	151,5400	148,4800	217655654,1800	21113	149,8600	1450366				
Share	NL0011872643	ASR NEDERLAND	EUR	38,6400	38,6800	37,8200	18159619,0800	2626	38,4600	474360				
Share	JE00B3DCF752	ATRIUM EUR REALEST	EUR	3,5500	3,5500	3,5200	8323,1700	8	3,5500	2349				
Share	NL0012047823	AVANTIUM	EUR	3,0500	3,0500	3,0200	14039,2700	22	3,0200	4624				
Share	LU1789205884	B&S Group	EUR	13,8000	14,0000	13,7540	701702,7600	107	13,9480	50530				
Share	NL0000337319	BAM GROEP KON	EUR	2,8180	2,8390	2,7880	2355486,6900	735	2,7950	839848				
Share	NL0011872650	BASIC-FIT	EUR	25,3000	25,6500	25,2000	710323,5000	275	25,3000	27996				
Share	NL0006292906	BATENBURG TECHNIK	EUR	43,4000	43,4000	43,4000	43,4000	1	43,4000	1				
Share	NL0012866412	BE Semiconductor	EUR	19,2000	19,5200	18,6800	9045069,2800	1973	18,9000	474229				
Share	NL0000339703	BETER BED	EUR	4,3950	4,6000	4,3950	176687,0800	195	4,5150	38996				
Share	NL0000285278	BEVER HOLDING	EUR	3,8000	3,8000	3,8000	13338,0000	5	3,8000	3510				
Share	NL0000335578	BINCKBANK	EUR	4,4350	4,4350	4,3550	364295,9000	229	4,3900	82984				
Share	NL0000852580	BOSKALIS WESTMIN	EUR	25,6900	26,1000	25,6100	11773703,9100	2746	25,9500	454819				
Share	GG00B1XFMJ13	BOUSSARD GAVAU C	EUR											
Share	GG00B1FG453	BOUSSARD GAVAUDAN	EUR	17,9000	18,2000	17,8000	193460,9000	30	18,0000	10755				
Share	GG00B39VMM07	BOUSSARD GHL GBP	GBP											
Share	NL0000442523	BRILL KON	EUR	18,1000	19,1000	18,1000	149525,1000	23	19,0000	7903				
Share	CA1125851040	BROOKFIELD ASSET M	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Share	NL0010776944	BRUNEL INTERNAT	EUR	11,1000	11,3600	11,0600	714521,8400	343	11,1900	63625				
Share	GB000BDCPN049	COCA-COLA EUROPEAN	EUR	42,7000	42,8800	42,5000	3878110,8000	689	42,8000	90784				
Share	NL0010583399	CORBION	EUR	25,8000	25,9400	25,5200	984756,3800	349	25,7000	38382				
Share	NL0000200384	CORE LABORATORIES	EUR	70,5000	70,5000	70,0000	4838,0000	4	70,5000	69				
Share	NL0000345577	CTAC	EUR	2,4300	2,4400	2,4200	892,2300	5	2,4400	366				
Share	NL0011509294	CURETIS	EUR	1,6900	1,7000	1,6250	44924,4000	57	1,6600	27002				
Share	NL0009169515	DGB GROUP N.V.	EUR	0,8500	0,8760	0,8480	14119,9000	21	0,8620	16423				
Share	NL0009197771	DPA GROUP	EUR	1,3800	1,3800	1,3800	691,3800	4	1,3800	501				
Share	NL0000009827	DSM KON	EUR	77,2400	77,3200	75,1600	63051128,6400	8855	76,2800	828557				
Share	NL0012747059	DUTCH STAR C SHAR	EUR	9,3000	9,3000	9,3000	1302,0000	1	9,3000	140				
Share	NL0000345627	EASE2PAY NV	EUR	1,9950	1,9950	1,9900	4181,5100	4	1,9900	2100				
Share	NL0009901610	ENVIPCO	EUR	12,0000	12,0000	12,0000	12,0000	1	12,0000	1				
Share	NL0009272137	ESPERITE	EUR	0,1480	0,1550	0,1422	93392,2400	110	0,1422	634403				
Share	GB00894QM994	EUROCASTLE INVEST.	EUR	6,0800	6,2200	6,0800	27471,2000	21	6,1800	4494				
Share	NL0000288876	EUROCOMMERCIAL	EUR	30,4800	30,7000	30,1400	1466855,0600	382	30,2400	48450				
Share	NL0011279492	FLOW TRADERS	EUR	28,3800	28,6600	28,0200	2575276,7800	851	28,0200	91082				
Share	NL0011832811	FORFARMERS	EUR	8,9400	8,9400	8,7600	1015248,0300	371	8,8500	114726				
Share	NL0000352565	FUGRO	EUR	10,8850	10,9750	10,6900	7564678,5300	1657	10,8100	700078				
Share	BE0003818359	GALAPAGOS	EUR	89,0200	89,2000	86,7600	31020782,7400	6098	87,9200	351744				
Share	NL0000400653	GEMALTO	EUR	50,6600	50,6800	50,5600	4780143,5800	521	50,5600	94480				
Share	NL0010937066	GRANDVISION	EUR	20,5000	20,6000	20,4000	707162,2400	222	20,4000	34508				
Share	BMG455841020	HAL TRUST	EUR	139,0000	140,6000	138,6000	615690,6000	147	139,0000	4411				
Share	CWN814651014	HeadFirst Source G	EUR	3,0800	3,0800	3,0600	15303,0800	2	3,0600	5001				
Share	NL0009269109	HEIJMANS	EUR	8,7800	9,0300	8,7800	462918,6800	210	9,0000	51748				
Share	NL0000009165	HEINEKEN	EUR	81,5200	81,8400	80,2800	51192337,1000	5551	80,4200	634873				
Share	NL0000008977	HEINEKEN HOLDING	EUR	78,4000	78,5500	76,9500	8082563,3500	1197	77,4500	104190				
Share	NL0000440311	HOLLAND COLOURS	EUR	76,6000	76,6000	76,6000	4213,0000	3	76,6000	55				
Share	ANN4327C1220	HUNTER DOUGLAS	EUR	58,8000	61,0000	58,4000	342251,0000	63	59,0000	5727				
Share	ANN4327C1303	HUNTER DOUGLAS	EUR	0,3500	0,3500	0,3500	105,0000	1	0,3500	300				
Share	NL0009391242	HYDRATEC	EUR	67,5000	67,5000	67,5000	6750,0000	2	67,5000	100				
Share	NL0000359537	ICT GROUP	EUR	11,4500	12,1500	11,4500	101489,5500	58	12,1500	8545				
Share	NL0010556726	IEX GROUP NV	EUR											
Share	NL0010801007	IMCD	EUR	58,1000	58,7000	57,7500	1867117,3500	441	57,9500	32199				
Share	NL0011821202	ING GROEP N.V.	EUR	10,9500	11,0200	10,9080	153070150,0400	17117	10,9300	13968223				
Share	NL0010937058	INTERTRUST	EUR	14,0400	14,4200	13,9800	1094502,5600	394	14,2000	76860				
Share	NL0000113652	KARDAN	EUR	0,0985	0,1000	0,0971	11625,0800	14	0,1000	117618				
Share	NL0000362648	KAS BANK	EUR	6,3400	6,3500	6,3000	10675,7000	10	6,3000	1690				
Share	NL0000852531	KENDRION	EUR	23,1500	23,3000	22,8500	396672,2500	163	22,8500	17261				
Share	NL0011323407	KIADIS	EUR	8,0400	9,0000	8,0300	2921847,7900	1283	8,9000	341289				
Share	NL0000009082	KPN KON	EUR	2,5320	2,5710	2,5120	72869919,1800	8256	2,5510	28628138				
Share	NL0010545679	LAVIDE HOLDING	EUR	0,3500	0,4980	0,3360	46371,3100	79	0,4960	107530				
Share	NL0010998878	LUCASBOLS	EUR	16,2500	16,3500	16,1500	43996,4500	29	16,1500	2705				
Share	NL0009312842	MKB Nedsense	EUR	0,1680	0,1680	0,1680	698,0400	2	0,1680	4155				
Share	GG0081280492	NB PRIV EQ PARTN	USD											
Share	NL0000371243	NEDAP	EUR	44,6000	45,8000	44,0000	814705,7000	191	44,1000	18240				
Share	IM008DD7WV31	NEPI ROCKCASTLE	EUR	6,9500	6,9500	6,2000	22873,2500	19	6,2500	3489				
Share	NL0009822014	NEW SOURCES ENERGY	EUR	0,1400	0,1400	0,1400	14,8400	1	0,1400	106				
Share	NL0000440618	NEWAYS ELECTRONICS	EUR	10,3500	10,3500	10,2000	16960,6000	27	10,3500	1643				
Share	NL0012756316	NIBC HOLDING	EUR	8,1100	8,1200	8,0020	889662,4000	558	8,0380	110614				
Share	NL0010773842	NN GROUP	EUR	38,4300	38,4600	37,7400	36475127,0400	5078	37,9600	960744				
Share	NL0010696704	NOVISOURCE	EUR	0,9650	0,9650	0,9350	206,6700	2	0,9350	221				
Share	NL0012365084	NSI N.V.	EUR	36,8500	37,0000	36,2500	1106122,8500	259	36,3000	30262				
Share	NL0010558797	OCI	EUR	20,5200	20,5700	20,0800	6059990,0900	1935	20,0800	299706				
Share	NL0000370419	ORANJEWOUDE A	EUR	5,8000	5,8500	5,8000	3200,3500	4	5,8500	551				
Share	NL0000440584	ORDINA	EUR	1,4860	1,5200	1,4860	209335,2600	124	1,5180	138781				
Share	GG008BPFJTF46	PERSHING	USD	14,0000	14,4400	14,0000	1108401,4300	32	14,4000	87779				
Share	NL0010391025	PHARMING GROUP	EUR	0,7920	0,8280	0,7905	8736406,4800	2153	0,8045	10794398				
Share	NL0000009538	PHILIPS KON	EUR	32,8100	33,1100	32,3550	147610160,5900	20116	32,3900	4536810				
Share	NL0000378669	PORCELEYNE FLES	EUR											
Share	NL0009739416	POSTNL	EUR	2,6350	2,6400	2,5370	11229500,7100	2787	2,5620	4356550				
Share	BMG7209L1000	PPLA CLASS A	EUR											
Share	BMG7209L1182	PPLA CLASS B	EUR											
Share	US69355L1098	PPLA European Unit	EUR											
Share	DE0007921835	PROBIODRUG	EUR	3,1100	3,1100	2,9700	45502,6400	59	3,0700	14962				
Share	NL0000379121	RANDSTAD NV	EUR	42,4500	42,4900	41,4300	21509569,8800	4218	41,7600	514573				
Share	LU0383812293	REINET INVESTMENTS	EUR	13,5000	13,5000	13,5000	2700,0000	1	13,5000	200				
Share	GB008280DG97	RELX	EUR	18,6700	18,7600	18,4750	28163012,2600	4384	18,7200	1509840				
Share	NL0000440477	ROODMICROTEC	EUR	0,2530	0,2580	0,2460	39293,0200	35	0,2520	156686				
Share	GB00803MLX29	ROYAL DUTCH SHELLA	EUR	26,7600	26,8350	26,4200	237842314,4500	14442	26,5350	8948093				
Share	GB00803MM408	ROYAL DUTCH SHELLB	EUR	27,4750	27,5350	27,1850	55130,5600	11	27,1850	2013				
Share	NL0000360618	SBM OFFSHORE	EUR	13,4200	13,5100	13,1650	7426918,1500	2073	13,1950	560163				
Share	NL0011660485	SIF HOLDING	EUR	12,8000	12,8000	12,6000	162426,9800	104	12,7800	12721				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Share	NL0011821392	SIGNIFY NV	EUR	23,4400	23,6100	22,7400	25212926,2300	4738	22,7400	1093675				
Share	NL0000817179	SLIGRO FOOD GROUP	EUR	37,1500	37,4500	37,0000	712620,2000	194	37,0000	19185				
Share	NL0010627865	SNOWWORLD	EUR	8,8400	8,8400	8,8400	8,8400	1	8,8400	1				
Share	NL0000336303	STERN GROEP	EUR	13,9500	14,1000	13,9500	2804,8500	8	14,1000	200				
Share	NL0012015705	TAKEAWAY	EUR	46,7000	47,6500	46,5000	1067694,2000	367	46,5000	22805				
Share	GG00B1RMC548	TETRAGON FIN GRP	USD	12,1000	12,1000	11,9500	157887,1400	31	12,1000	14800				
Share	VGG885761061	THUNDERBIRD	USD											
Share	NL0010389508	TIE KINETIX	EUR											
Share	NL0000852523	TKH GROUP	EUR	45,4000	45,4400	44,3200	4830945,2000	1023	45,3800	107064				
Share	NL0000387058	TOMTOM	EUR	7,6560	8,4100	7,6560	9628188,3200	2475	8,0860	1209164				
Share	FR0013326246	UNIBAIL-RODAMCO-WE	EUR	159,9800	160,5200	157,2000	57795153,9200	7666	157,6400	364730				
Share	NL0000009355	UNILEVER DR	EUR	49,3900	49,4950	48,7300	168559222,2600	14046	49,2000	3426002				
Share	NL0000388619	UNILEVER OS	EUR	49,2000	49,5000	48,8000	991631,0000	31	49,5000	20189				
Share	NL0000302636	V LANSCHOT KEMPEN	EUR	22,8000	23,0000	22,2500	663512,9500	163	22,3500	29481				
Share	NL0010661864	VALUE8	EUR	5,2200	5,2200	5,1200	16717,5600	12	5,2000	3226				
Share	NL0009875483	VALUE8 CUM PREF	EUR											
Share	NL0000288918	VASTNED	EUR	34,9000	35,2500	34,7000	725720,0500	244	34,8000	20763				
Share	BMG9349W1038	VEON	EUR	2,4600	2,4600	2,2800	227950,5200	27	2,3400	94994				
Share	NL0012294466	VOLKERWESSELS	EUR	15,3400	15,4000	14,9200	981233,7400	532	14,9200	64969				
Share	GG00B1GHHH78	VOLTA FINANCE	EUR	6,7000	6,8800	6,7000	50346,1600	16	6,8800	7482				
Share	NL0009432491	VOPAK	EUR	39,0300	39,1800	38,2900	17995970,0600	4159	38,4800	466621				
Share	NL0000289213	WERELDHAVE	EUR	30,2500	30,5000	29,8700	3469544,0000	877	29,8700	115481				
Share	NL0000395317	WESSANEN	EUR	9,1000	9,5200	9,0800	3153266,2200	1014	9,5200	336447				
Share	NL0000395903	WOLTERS KLUWER	EUR	53,6400	53,9000	53,3000	28232073,2600	3269	53,4000	527909				
Share	JE00B1FBT077	YATRA	EUR	3,2800	3,2800	3,2800	656,0000	1	3,2800	200				
Tracker	LU1437018838	AMUNDI EPRA DR U	USD	61,9990	62,0510	61,9990				62,0510				
Tracker	LU1681049018	AMUNDI ETF SP500	EUR	42,6050	42,6841	42,6050	30594,2500	1	42,6841	717				
Tracker	LU1437024729	AMUNDI GAGU 500 DR	USD	53,4510	53,4510	53,4240				53,4240				
Tracker	LU1589350310	AMUNDI GLBAL INFRA	USD	58,2880	58,2880	58,2500				58,2500				
Tracker	LU1437016204	AMUNDI JPMGBI DR U	USD	53,9620	53,9620	53,9480				53,9480				
Tracker	LU1437017350	AMUNDI MSCI EM DR	USD	57,2420	57,2420	57,2360				57,2360				
Tracker	LU1437015735	AMUNDI MSCI EUR DR	USD	63,3776	63,3776	63,0878				63,0878				
Tracker	LU1681042609	AMUNDI MSCI EUROPE	USD	233,3327	233,3327	232,3605				232,3605				
Tracker	LU1437016972	AMUNDI MSCWD DR U	USD	66,4380	66,4810	66,4380				66,4810				
Tracker	LU1437016543	AMUNDI NOR AM DR U	USD	69,0150	69,1950	69,0150				69,1950				
Tracker	LU1437017863	AMUNDI SP500 DR U	USD	69,6910	69,8660	69,6910				69,8660				
Tracker	LU1861132840	AMUNDI STOXX GL AI	USD	52,6040	52,6590	52,6040				52,6590				
Tracker	LU1589349734	AMUNDI US MIN VO	USD	58,1070	58,3210	58,1070				58,3210				
Tracker	LU1291109616	BNPP GSCI ETF EUR	EUR	9,0837	9,1002	9,0837				9,1002				
Tracker	DE000A0H0728	DIVERS COMMODITY	USD	20,5690	20,6930	20,5400	728,1100	1	20,6930	40				
Tracker	JE00B3WDZV68	ETFS 3 L JPY S EUR	EUR	21,2500	21,2500	21,1650				21,1650				
Tracker	JE00B3QQ4551	ETFS 3 L USD S EUR	EUR	77,6200	77,6200	77,3800	13154,6000	1	77,6000	170				
Tracker	JE00B44CBN95	ETFS 3 S JPY L EUR	EUR	35,9550	36,1050	35,9550				36,1050				
Tracker	JE00B37K772	ETFS 3 S USD L EUR	EUR	13,7090	13,7320	13,7090				13,7320				
Tracker	JE00B2NFTL95	ETFS DAILY LG2 GLD	EUR	30,1640	30,2070	30,1640				30,2070				
Tracker	JE00B2NFTS64	ETFS DAILY LG2 SLV	EUR	3,7010	3,7260	3,7010	3720,0000	1	3,7260	1000				
Tracker	JE00B24DKC09	ETFS DAILY SH1 GLD	EUR	22,7750	22,7750	22,7400				22,7400				
Tracker	JE00B24DKK82	ETFS DAILY SH1 SLV	EUR	17,2200	17,2200	17,1530				17,1530				
Tracker	JE00B3MWC642	ETFS LG JPY SH EUR	EUR	42,4100	42,4100	42,3400				42,3400				
Tracker	JE00B588CD74	ETFS PHYS SW GLD	EUR	104,1000	104,1300	104,1000				104,1300				
Tracker	JE00B1VS3333	ETFS PHYSIC SILVER	EUR	11,8360	11,9240	11,8300	66254,1200	14	11,8700	5593				
Tracker	JE00B1VS3770	ETFS PHYSICALGOLD	EUR	102,8100	102,9300	102,7000	144951,3000	20	102,8400	1410				
Tracker	JE00B1VS3002	ETFS PHYSALLADIUM	EUR	96,3400	98,2200	96,2400	18636,0600	6	98,2200	192				
Tracker	JE00B1VS3W29	ETFS PHYSPM BASKET	EUR	81,6200	82,0400	81,6200				82,0400				
Tracker	JE00B3KNMS14	ETFS SH JPY LG EUR	EUR	43,0050	43,0700	43,0050				43,0700				
Tracker	JE00B1VS2W53	ETFSPHYSPPLATINUM	EUR	69,8100	69,8100	68,4200	34568,7900	11	68,4200	497				
Tracker	IE00B8XB7377	FINEX GOLD	EUR	7,5350	7,5400	7,5350				7,5400				
Tracker	IE00B8X9NY41	FIRST EUROALPHADEX	EUR	28,7400	28,7600	28,5550	89715,4300	10	28,6200	3137				
Tracker	IE00BG0SSC32	FT DJ Internet	EUR	14,9000	14,9600	14,9000				14,9600				
Tracker	IE00BD5HB512	FT FACTOR FX EUR	EUR	18,8200	18,8200	18,8190				18,8190				
Tracker	IE00B579F325	Invesco Gold ETC	EUR	104,6600	104,7100	104,6600	99978,9500	2	104,7100	955				
Tracker	IE00BCRY6557	IS EURO ULTRASHORT	EUR	99,9800	100,0100	99,9500	10500,2500	3	99,9800	105				
Tracker	IE00BCRY5777	IS US SHORT CB	EUR	87,8500	87,8500	87,7900	175,6400	1	87,7900	2				
Tracker	IE00BCLWRB83	IS USD HEDGED CB	EUR	84,9300	84,9300	84,7300	7884,5400	1	84,7300	93				
Tracker	IE00BCRY6003	IS USD SHORT HY CB	EUR	81,7400	81,7400	81,6400	10939,7600	1	81,7200	134				
Tracker	IE00BCRY6227	IS USD ULTRASHORT	EUR	89,4800	89,5500	89,4400	447,7500	1	89,4400	5				
Tracker	IE00B7LGZ558	ISH FR TREAS BD	EUR	149,4800	149,5700	149,1600	205436,6100	30	149,3400	1375				
Tracker	IE00B6X2VY59	ISH NLD BD HEDGED	EUR	94,4000	94,4000	94,3100	534059,9700	8	94,3100	5662				
Tracker	IE00B0M62Y33	ISHARES AEX	EUR	52,2600	52,2800	51,8900	887229,8500	165	51,9800	17034				
Tracker	IE00B14X4T88	ISHARES ASIA PACIF	EUR	23,2700	23,2800	23,2500	13537,5200	10	23,2550	582				
Tracker	IE00B3DKXQ41	ISHARES B E AGG	EUR	119,6700	119,6800	119,5100	122531,7000	11	119,5700	1025				
Tracker	IE00B3F81R35	ISHARES B E CORP	EUR	127,4400	127,5000	127,3200	799187,2000	48	127,3700	6272				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Tracker	IE00B3FH7618	ISHARES B E TR 0-1	EUR	98,8900	98,9000	98,8800	9889,7400	2	98,9000	100				
Tracker	IE00B0M63516	ISHARES BRAZIL	EUR	27,2500	27,5800	27,2250	33373,0300	11	27,2250	1220				
Tracker	IE00B1W57M07	ISHARES BRIC 50	EUR	25,4050	25,4700	25,4050	5186,2100	6	25,4300	204				
Tracker	IE00B02KKX85	ISHARES CHINA 25	EUR	104,1000	104,1000	103,4600	92725,3200	20	103,9000	892				
Tracker	IE00B52V196	ISHARES DJ EUR SUS	EUR	40,1350	40,1350	39,9850	401479,7800	18	39,9850	10031				
Tracker	IE00B57X3V84	ISHARES DJ GLO SUS	EUR	33,9730	33,9730	33,9000	4170,2800	4	33,9430	123				
Tracker	IE0032523478	ISHARES E CORP BD	EUR	132,6000	132,7200	132,5200	165633,6400	14	132,5800	1249				
Tracker	IE00B388Q275	ISHARES E COV BOND	EUR	153,8200	153,9000	153,7900	85079,1000	3	153,7900	553				
Tracker	IE00B14XQ457	ISHARES E GOV1-3	EUR	143,6200	143,6400	143,5600	21967,9000	3	143,6100	153				
Tracker	IE00B1FZ5913	ISHARES E GOV15-30	EUR	223,5200	223,8300	223,5200	3805,1100	1	223,7100	17				
Tracker	IE00B1FZ5681	ISHARES E GOV3-5	EUR	169,2900	169,3100	169,1700	542464,0100	12	169,2700	3205				
Tracker	IE00B1FZ5806	ISHARES E GOV7-10	EUR	208,1400	208,5400	208,0900	173777,6400	12	208,4800	834				
Tracker	IE00B0M62X26	ISHARES E INF-LINK	EUR	204,3500	204,9900	204,3500	503614,9100	22	204,6600	2462				
Tracker	IE00B0M63730	ISHARES EAST EX-JP	EUR	44,6100	44,7600	44,5500	225806,8500	9	44,6300	5054				
Tracker	IE00B0M63953	ISHARES EASTE10/40	EUR	20,1620	20,3750	20,1580	11600,2500	5	20,3750	575				
Tracker	IE00B4WXJH41	ISHARES EG 10-15	EUR	169,4100	169,6000	169,3000	14561,0000	3	169,4500	86				
Tracker	IE00B4WXJG34	ISHARES EG 5-7	EUR	153,9400	153,9900	153,8900	392168,2300	3	153,9900	2547				
Tracker	IE00B0M63177	ISHARES EM MARKETS	EUR	33,9100	34,0150	33,8850	728799,2600	32	33,9050	21473				
Tracker	IE00BKM4GZ66	ISHARES EMIM	EUR	23,2550	23,3120	23,1860	2333041,6900	73	23,2260	100349				
Tracker	IE00B0M62572	ISHARES ESTOXX DIV	EUR	20,8000	20,8000	20,6450	401673,1200	35	20,6550	19420				
Tracker	IE00B0M62V02	ISHARES ESTOXX GRO	EUR	33,3300	33,3300	33,2400	21474,3800	6	33,2400	645				
Tracker	IE00B02KXL92	ISHARES ESTOXX MID	EUR	55,1200	55,1200	54,7600	131717,2600	10	54,8000	2400				
Tracker	IE00B02KXM00	ISHARES ESTOXX SML	EUR	31,9500	31,9500	31,7900	131501,7700	14	31,8570	4131				
Tracker	IE00B0M62T89	ISHARES ESTOXX VAL	EUR	20,6250	20,6250	20,5300	65605,7300	3	20,5300	3189				
Tracker	IE00B08471009	ISHARES EURO STX50	EUR	32,2250	32,2500	32,0850	953630,4700	38	32,0950	29632				
Tracker	IE00B14XN27	ISHARES EUROP EXUK	EUR	29,6000	29,6000	29,4700	534974,5700	10	29,4700	18133				
Tracker	IE00B1ZY2C51	ISHARES EUROPE	EUR	22,5100	22,5100	22,3800	5110883,2800	55	22,3800	227694				
Tracker	IE0005042456	ISHARES FTSE 100	EUR	7,9300	7,9300	7,8770	3946,3600	5	7,8770	499				
Tracker	IE00B4WXJ64	ISHARES IEGA	EUR	121,2100	121,2800	121,0800	53421,6900	12	121,1600	441				
Tracker	IE00B1FZ5467	ISHARES INFRA GLO	EUR	23,2250	23,2250	23,2000	835,4800	2	23,2150	36				
Tracker	IE00B02KH56	ISHARES JAPAN	EUR	12,2380	12,2810	12,2090	77941,1300	12	12,2090	6352				
Tracker	IE00BF553838	ISHARES JPMESG	EUR	4,3086	4,3120	4,3086			4,3120					
Tracker	IE00B0M63391	ISHARES KOREA	EUR	36,0780	36,1690	35,9910	21323,4300	4	36,0750	592				
Tracker	IE00B27YCK28	ISHARES LATIN AM	EUR	14,7010	14,8000	14,6710	9036,3200	6	14,6710	612				
Tracker	IE00B60J9Y53	ISHARES MSCI CEMP	GBP	4,6265	4,6265	4,6055			4,6055					
Tracker	IE00B4LSYC18	ISHARES MSCI EM A	EUR	27,7050	27,7950	27,6600	78150,5000	10	27,6900	2818				
Tracker	IE00B4K48X80	ISHARES MSCI EUR A	EUR	47,3750	47,3750	47,0950	70528,0100	23	47,0950	14969				
Tracker	IE00B4LSYX21	ISHARES MSCI JAP A	EUR	35,4950	35,6000	35,4050	1452753,8000	36	35,4050	40930				
Tracker	IE00B4LSY983	ISHARES MSCI WOR A	EUR	46,5750	46,7300	46,5000	2720070,1400	162	46,6250	58355				
Tracker	IE00B14XNM10	ISHARES N-AMERICA	EUR	44,5900	44,8100	44,5800	213365,9800	9	44,6800	4771				
Tracker	IE00B1TXHL60	ISHARES PRIVATE EQ	EUR	16,7800	16,8260	16,6980	142814,4300	12	16,7200	8516				
Tracker	IE00B1FZ5244	ISHARES PROP ASIA	EUR	23,5720	23,6390	23,5460	6903,5300	3	23,5460	293				
Tracker	IE00B0M63284	ISHARES PROP EURO	EUR	40,3650	40,4050	40,1900	199068,1800	29	40,2350	4940				
Tracker	IE00B1FZ5350	ISHARES PROP GLO	EUR	22,2970	22,3820	22,2950	4613985,0000	35	22,3400	206539				
Tracker	IE00B1FZ5F77	ISHARES PROP US	EUR	24,6250	24,7700	24,6250	17752,3500	6	24,7650	720				
Tracker	IE0031442068	ISHARES S&P 500	EUR	23,7700	23,8430	23,7410	673642,2300	60	23,8160	28290				
Tracker	IE00BD8KRH84	ISHARES SP500 B D	GBP	4,9390	4,9500	4,9390			4,9500					
Tracker	IE0008470928	ISHARES STOXX 50	EUR	29,8800	29,8800	29,7350	210237,8000	7	29,7350	7052				
Tracker	IE00B0M63623	ISHARES TAIWAN	EUR	35,8220	35,9370	35,8220	646,8700	1	35,8390	18				
Tracker	IE00B1FZ5574	ISHARES TURKEY	EUR	14,5180	14,5350	14,4100	512743,7900	24	14,4660	35451				
Tracker	IE00B14X4571	ISHARES US T 1-3	EUR	115,4000	115,4600	115,3300	156929,5300	7	115,3500	1360				
Tracker	IE00B1FZ5798	ISHARES US T 7-10	EUR	164,7100	164,7100	164,4700	103694,4200	5	164,5500	630				
Tracker	IE00B1FZ5C47	ISHARES US TIPS	EUR	177,0900	177,6100	176,7800	20522,7200	4	176,9900	116				
Tracker	IE0032895942	ISHARES USD CRP BD	EUR	95,3600	95,4500	95,1400	30609,9700	6	95,1400	321				
Tracker	IE00B0M62Q58	ISHARES WORLD	EUR	37,8900	37,9800	37,8250	279243,5000	16	37,8950	7375				
Tracker	IE00B3VWN393	ISHR \$ Gov 3-7A	EUR	108,8900	108,9900	108,8000	16002,0800	4	108,8200	147				
Tracker	IE00B525F786	ISHR Canada	EUR	104,2800	104,5600	104,2800	1773,7800	1	104,5600	17				
Tracker	IE00B3V7TML14	ISHR E Gov 3-7A	EUR	131,9900	132,0000	131,9900	290400,0000	2	132,0000	2200				
Tracker	IE00B531W379	ISHR ESTX50 B A	EUR	99,2500	99,2600	98,8500	1324345,2100	23	98,9000	13375				
Tracker	IE00B53QDK08	ISHR Japan A	EUR	126,8400	127,1000	126,5500	19431,4600	2	126,5500	153				
Tracker	IE00B5WHFQ43	ISHR Mexico Cap	EUR	80,3900	81,1600	80,3900	1945,6400	2	80,9900	24				
Tracker	IE00B53QG562	ISHR MSCI EMUSC	EUR	105,7100	105,7100	105,2700	381806,9300	6	105,2700	3623				
Tracker	IE00B525FT06	ISHR MSCI USA	EUR	225,7300	226,4350	225,7300	113217,5000	1	226,2150	500				
Tracker	IE00B535ZB19	ISHR NASDAQ 100	EUR	332,1000	333,5500	331,9000	654834,6500	18	332,5500	1968				
Tracker	IE00B52MJY50	ISHR Pac xjpn A	EUR	120,5000	120,5000	119,7600	73418,6200	6	120,0000	612				
Tracker	IE00B5V87390	ISHR Russia ADR	EUR	90,1500	91,1200	89,8200	79705,7000	4	91,1200	885				
Tracker	IE00B5BMR087	ISHR S&P500 B A	EUR	232,4990	233,3300	232,3810	443037,4700	32	232,9560	1903				
Tracker	IE00BQ70R696	IVZ NASDAQ BIOTECH	EUR	29,6950	29,6950	29,6000	3025,1400	2	29,6000	102				
Tracker	IE00B3YCGJ38	IVZ S&P 500	EUR	426,3100	427,4600	426,3100	85492,0000	1	427,1000	200				
Tracker	IE00BBMW3QXS4	L&G Robotics	EUR	12,5700	12,5700	12,5000	14767,2300	7	12,5680	1180				
Tracker	IE00BF0M2Z96	L&G Battery Value	EUR	7,2400	7,2400	7,2300	11004,0600	1	7,2400	1522				
Tracker	IE00BF0H7608	L&G Battery Value	EUR	8,6600	8,6600	8,6300			8,6300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Tracker	IE00BYPLS672	L&G Cyber Security	EUR	11,7360	12,0740	11,7360	258740,7100	21	11,9400	21854				
Tracker	IE00BHBDF83	L&G E Fund China A	EUR	10,5320	10,5320	10,5320			10,5320					
Tracker	IE00BF0M6N54	L&G Ecommerce	EUR	7,5200	7,5200	7,5100			7,5100					
Tracker	IE00B3CHG25	L&G Gold Mining	EUR	16,6900	16,8060	16,6900	27663,5700	13		1651				
Tracker	IE00B4WPHX27	L&G Lg Dat Commod	EUR	11,9630	11,9910	11,9380	49452,5200	4	11,9910	4133				
Tracker	IE00B3CNHJ55	L&G Russell 2000	EUR	55,0700	55,2800	55,0700	24100,5500	1		437				
Tracker	LU0854423687	LYXOR ACWI GOLD	USD	53,7000	53,7900	53,7000			53,7900					
Tracker	LU0832435464	LYXOR ETF VIX EUR	EUR											
Tracker	LU1646359452	LYXOR JPX 400	JPY	18300,8000	18300,8000	18283,1000			18283,1000					
Tracker	LU1812903158	MA CoCo AT1 ETF	EUR	97460,0000	97460,0000	97460,0000			97460,0000					
Tracker	IE00B4225J44	MSCI JAP EH	EUR	47,7750	47,9400	47,6900	3673318,2400	25	47,7350	76809				
Tracker	IE00B441G979	MSCI WRD EH	EUR	49,1100	49,2250	49,0700	21376,4500	9	49,1250	435				
Tracker	LU0832436512	MULTI GL QUAL INC	USD	132,2000	132,2000	131,5200			131,5200					
Tracker	IE00B3ZWOK18	SP 500 EH	EUR	60,0030	60,2360	59,9650	2532266,2200	18	60,1580	42125				
Tracker	IE00BYTRRG40	SPDR MSCI W TELE	EUR	26,8850	26,8850	26,7500	1074,2000	1	26,7500	40				
Tracker	US78467X1090	SPDR DJIA TRUST	EUR	219,9500	221,0500	219,9500			221,0500					
Tracker	IE00BYTRRG40	SPDR MSCI W C DIS	EUR	34,0700	34,1550	34,0700	3244,7300	1	34,0700	95				
Tracker	IE00BYTRRR756	SPDR MSCI W C STAP	EUR	28,9400	28,9700	28,8800	281638,8000	5	28,9650	9737				
Tracker	IE00BYTRRR863	SPDR MSCI W ENERGY	EUR	28,6300	28,6500	28,5050	55932,1400	4	28,5050	1954				
Tracker	IE00BYTRRR970	SPDR MSCI W FINCLS	EUR	34,2600	34,2800	34,2300	40456,9300	6	34,2400	1181				
Tracker	IE00BYTRRB94	SPDR MSCI W HEALTH	EUR	33,2000	33,4500	33,2000	121392,3200	13	33,3800	3641				
Tracker	IE00BYTRRC02	SPDR MSCI W INDUST	EUR	32,4400	32,4850	32,4200	304063,4700	7	32,4850	9375				
Tracker	IE00BYTRRF33	SPDR MSCI W MTRL	EUR	31,6950	31,6950	31,5950			31,5950					
Tracker	IE00BYTRRD19	SPDR MSCI W TECH	EUR	43,2950	43,2950	43,2950	505562,9300	20	43,3750	11634				
Tracker	IE00BYTRRH56	SPDR MSCI W UTIL	EUR	30,8950	30,9000	30,7850	1545,0000	1	30,7850	50				
Tracker	IE00BWFVPX50	SPDR US COMMS	EUR	16,0200	16,0200	15,9100	138144,0000	2	15,9100	8634				
Tracker	IE00BWBXM278	SPDR US CONS DIS	EUR	25,1200	25,1700	25,0900	270221,1000	3	25,1700	10757				
Tracker	IE00BWBXM385	SPDR US CONS STAP	EUR	21,8900	21,9200	21,8900	10960,0000	1	21,9100	500				
Tracker	IE00BWBXM492	SPDR US ENERGY	EUR	16,9300	16,9300	16,9300	131783,1200	1	16,9300	7784				
Tracker	IE00BWBXM500	SPDR US FINAN	EUR	24,7600	24,8200	24,7600	131712,8000	1	24,8200	5311				
Tracker	IE00BWBXM617	SPDR US HEALTH	EUR	22,6000	22,7300	22,5600	815193,3900	10	22,7300	36066				
Tracker	IE00BWBXM724	SPDR US INDUST	EUR	24,3400	24,4400	24,3400			24,4400					
Tracker	IE00BWBXMB69	SPDR US IT/UT	EUR	25,1500	25,1500	25,0900	137918,0400	2	25,0900	5486				
Tracker	IE00BWBXM831	SPDR US MATERIAL	EUR	20,7100	20,7500	20,6500	138257,2500	2	20,6500	6663				
Tracker	IE00BWBXM948	SPDR US TECH	EUR	29,4000	29,4900	29,3700	138538,2900	2	29,4900	4717				
Tracker	NL0010273801	TC IAAAT	EUR	22,2560	22,2600	22,2510	507789,1300	4	22,2600	22820				
Tracker	NL0009272749	THINK AEX	EUR	52,4600	52,4600	52,1400	995789,6700	65	52,1700	19060				
Tracker	NL0009272756	THINK AMX	EUR	70,1800	70,1800	69,7000	58617,6500	7	69,7200	839				
Tracker	NL0010731816	THINK EUROP EQ ETF	EUR	52,4500	52,4500	52,1500	91969,3600	7	52,1500	1759				
Tracker	NL0009690221	THINK GLOBAL EQ.	EUR	39,5020	39,6430	39,4450	609143,6400	52	39,4960	15413				
Tracker	NL0009690239	THINK GLOBAL RE	EUR	37,9700	38,0990	37,9700	62517,1700	16	38,0350	1643				
Tracker	NL0011683594	THINK HIGH DIV	EUR	27,1450	27,2300	27,1150	14436,2900	9	27,1150	531				
Tracker	NL0009690247	THINK IBOXX CORP.	EUR	17,6810	17,6960	17,6480	23931,2600	5	17,6960	1354				
Tracker	NL0009690254	THINK IBOXX GOV.	EUR	13,6320	13,6340	13,6200	62745,9300	8	13,6220	4606				
Tracker	NL0009272764	THINK MIX DF	EUR	54,9800	55,0000	54,8600	10064,0800	3	54,8600	183				
Tracker	NL0009272772	THINK MIX NL	EUR	58,6600	58,8600	58,6200	44946,8400	9	58,7000	764				
Tracker	NL0009272780	THINK MIX OF	EUR	60,8200	61,1000	60,8200	69071,8900	4	60,8600	1131				
Tracker	NL0011376074	THINK NRTH AMERICA	EUR	30,1450	30,2150	30,1400	632,9400	1	30,2150	21				
Tracker	NL0010408704	THINK SUSTAINABLE	EUR	80,7500	80,8000	80,6400	134371,9500	19	80,7000	1665				
Tracker	LU0629460089	UBS ETF ASRUSA	EUR	96,6200	97,2300	96,6200	287088,2900	5	96,7700	2955				
Tracker	IE00BDRS5927	UBS ETF AWSR	EUR	9,0300	9,0310	9,0300			9,0310					
Tracker	LU1130155606	UBS ETF CAHEUA	EUR	15,7650	15,8300	15,7650			15,8300					
Tracker	LU0446734872	UBS ETF CANCDA	EUR	25,7650	25,8390	25,7650			25,8390					
Tracker	LU1048314196	UBS ETF CBEU5	EUR	13,4780	13,4780	13,4710			13,4710					
Tracker	LU1484799769	UBS ETF CBSE	EUR	13,6700	13,6700	13,6360			13,6360					
Tracker	LU1215461085	UBS ETF CBSUS	EUR	13,8860	13,8860	13,8520			13,8520					
Tracker	LU1215461325	UBS ETF CBSUSE	EUR	14,4330	14,4330	14,3730	178584,5300	7	14,4030	12425				
Tracker	LU1048316647	UBS ETF CBUS	EUR											
Tracker	LU1048314949	UBS ETF CBUS5	EUR											
Tracker	LU1048315243	UBS ETF CBUSSE	EUR	14,0620	14,0620	13,9860	27692,1900	2	14,0600	1975				
Tracker	LU1048317025	UBS ETF CBUSE	EUR	16,5430	16,5430	16,5430			16,5430					
Tracker	LU0136234068	UBS ETF ESOEUA	EUR	31,8200	31,8200	31,7000			31,7000					
Tracker	LU0721553864	UBS ETF ECOEUA	EUR											
Tracker	LU1215454460	UBS ETF ELOVD	EUR	14,3120	14,3120	14,2400			14,2400					
Tracker	LU0480132876	UBS ETF EMMUSA	EUR	87,0700	87,0700	87,0400			87,0400					
Tracker	LU0147308422	UBS ETF EMUEUA	EUR	113,1200	113,1200	112,6600			112,6600					
Tracker	LU1215452928	UBS ETF EPVLD	EUR	15,0820	15,0820	15,0080			15,0080					
Tracker	LU1215451524	UBS ETF EQLTD	EUR	17,1620	17,1620	17,1020			17,1020					
Tracker	LU0671493277	UBS ETF ESCEUA	EUR	88,5800	88,9200	88,4700	54578,8900	4	88,4700	614				
Tracker	LU0629460675	UBS ETF ESREUA	EUR	87,2000	87,2700	86,8500	532533,1100	11	86,8500	6117				
Tracker	LU1215455947	UBS ETF ETSYD	EUR	15,3600	15,3600	15,2640			15,2640					
Tracker	LU0446734104	UBS ETF EUREUA	EUR	59,5400	59,5400	59,2600			59,2600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Tracker	LU1169827224	UBS ETF HKDU	EUR	16,2780	16,2780	16,2540			16,2540					
Tracker	LU0937837945	UBS ETF JPEUAH	EUR	19,2290	19,2290	19,1940			19,1940					
Tracker	LU0136240974	UBS ETF JPNJPA	EUR	38,5350	38,5350	38,4150			38,4150					
Tracker	LU1230561679	UBS ETF JPSR	EUR	18,2440	18,3490	18,2090	228995,7800	8		12521				
Tracker	LU1048313891	UBS ETF MSRUSA	EUR	11,4700	11,5380	11,4700	91816,6900	4		7966				
Tracker	LU0446734526	UBS ETF PACUSA	EUR	35,6700	35,6700	35,6250								
Tracker	LU0629460832	UBS ETF PSRUSA	EUR	58,3500	58,5500	58,2300	6019,2900	4		103				
Tracker	LU1169825954	UBS ETF SGPDU	EUR	15,4600	15,5040	15,4600								
Tracker	LU1280303014	UBS ETF USSRF	EUR	15,0140	15,0440	15,0140								
Tracker	LU0721552544	UBS ETF UT1USA	EUR	21,8340	21,8340	21,8230								
Tracker	LU0721552973	UBS ETF UT7USA	EUR	35,4640	35,4640	35,4310								
Tracker	LU0629459743	UBS ETF WSRUSA	EUR	78,7000	78,8100	78,7000	48852,5700	3		620				
Tracker	IE00BWT3KS11	UBS IRL AUHEUA	EUR	12,4300	12,4300	12,4300								
Tracker	IE00BMP3HG27	UBS IRL GLDVO	EUR	8,5750	8,5750	8,5350								
Tracker	IE00B7K93397	UBS IRL SP5USY	EUR	38,5190	38,5910	38,5190								
Tracker	IE00BMP3HN93	UBS IRL UKSR	EUR	17,1340	17,1580	17,0430	36203,3800	1		2110				
Tracker	IE00BX7RQY03	UBS IRL ULQVD	EUR	17,9840	17,9840	17,9840								
Tracker	IE00BWT3KJ20	UBS IRL ULQVE	EUR	18,6300	18,6700	18,6300								
Tracker	IE00BX7RR706	UBS IRL UPVLD	EUR	18,6040	18,6440	18,6040								
Tracker	IE00BWT3KL42	UBS IRL UPVLE	EUR	18,2840	18,3340	18,2840								
Tracker	IE00BX7RRJ27	UBS IRL UQLTD	EUR	19,3500	19,3840	19,3500								
Tracker	IE00BWT3KN65	UBS IRL UQLTE	EUR	18,8100	18,8600	18,8100								
Tracker	IE00B77D4428	UBS IRL USAUY	EUR	57,7000	57,8800	57,7000								
Tracker	IE00BD4TYF66	UBS IRL USEUYH	EUR	20,7650	20,8050	20,7650								
Tracker	IE00BX7RRT25	UBS IRL UTSYD	EUR	18,7140	18,7340	18,7140								
Tracker	IE00BWT3KQ96	UBS IRL UTSYE	EUR	18,6700	18,7000	18,6700								
Tracker	IE00B7KQ7866	UBS IRL WRDUSY	EUR	44,6250	44,6310	44,6250								
Tracker	IE00BZ163G84	VANGUARD EURCORPBD	EUR	51,1400	51,1400	51,0300	102120,6600	19		2000				
Tracker	IE00BZ163H91	VANGUARD EURGVBBD	EUR	24,7720	24,7900	24,7520	210817,4600	46		8514				
Tracker	IE00B9F5YL18	VANGUARD FTSE APXJ	EUR	20,8900	20,9200	20,8420	123446,7700	9		5909				
Tracker	IE00B3RBWM25	VANGUARD FTSE AW	EUR	71,0100	71,0200	70,6800	623431,5200	129		8799				
Tracker	IE00BKX55542	VANGUARD FTSE DE	EUR	27,2850	27,2850	27,1900	66061,0700	12		2424				
Tracker	IE00BKX55558	VANGUARD FTSE DW	EUR	52,4800	52,4800	52,3800	4198,4000	2		80				
Tracker	IE00B3VMM84	VANGUARD FTSE EM	EUR	47,5100	47,7300	47,4000	812556,9800	50		17071				
Tracker	IE00B945VV12	VANGUARD FTSE EUR	EUR	28,4300	28,4480	28,3000	1072164,9000	37		37814				
Tracker	IE00B8GKD810	VANGUARD FTSE HDY	EUR	46,7940	46,8880	46,6490	358193,4000	20		7664				
Tracker	IE00B95PGT31	VANGUARD FTSE JPN	EUR	25,8750	25,9500	25,8300	521339,4700	16		20144				
Tracker	IE00BKX55R35	VANGUARD FTSE NA	EUR	58,7000	58,8100	58,7000								
Tracker	IE00BYYYR0D71	VANGUARD GLBLLIQ	EUR	28,7630	28,7880	28,7630								
Tracker	IE00BYYYR0C64	VANGUARD GLBLMINVO	EUR	28,4830	28,5440	28,4830	570,0000	1		20				
Tracker	IE00BYYYR0935	VANGUARD GLBLMOM	EUR	26,9420	27,0130	26,9420								
Tracker	IE00BYYYR0B57	VANGUARD GLBLVAL	EUR	28,8110	28,8710	28,6300	128270,7200	6		4446				
Tracker	IE00B3XXRP09	VANGUARD S&P500	EUR	45,3040	45,4880	45,2500	2766885,6500	179		60990				
Tracker	IE00BZ163K21	VANGUARD USDCORPBD	EUR	44,0830	44,0830	43,9770	30811,9000	1		700				
Tracker	IE00BZ163L38	VANGUARD USDEMGVBN	EUR	42,4880	42,5580	42,4880	444205,7900	8		10443				
Tracker	IE00BZ163M45	VANGUARD USDTBOND	EUR	20,9250	20,9400	20,8710	34893,0100	7		1671				
Warrant	NL0010950440	AALB 21SPLOPENG	EUR	12,7900	12,7900	12,6900								
Warrant	NL0012080386	AALB 37SPLOPENG	EUR											
Warrant	NL0012464663	AALB 47SPSPLOPENG	EUR	20,5800	20,6200	20,5800				20,6200				
Warrant	NL0009112408	AALB 3.4SPLOPENG	EUR	28,7400	28,7400	28,6400				28,6400				
Warrant	NL0009113158	AALB 5.1SPLOPENG	EUR	27,2700	27,2700	27,1700				27,1700				
Warrant	NL0009236397	AALB 6.1SPLOPENG	EUR	26,3100	26,3100	26,2100				26,2100				
Warrant	NL0009367085	AALB 7.3SPLOPENG	EUR	25,2800	25,2800	25,1800				25,1800				
Warrant	NL0009902287	AALB 8.4SPLOPENG	EUR	24,2600	24,2600	24,1600				24,1600				
Warrant	NL0010216347	AALB 11.9SPLOPENG	EUR	21,0200	21,0200	20,9200				20,9200				
Warrant	NL0010466462	AALB 15.3SPLOPENG	EUR	17,9000	17,9000	17,8000				17,8000				
Warrant	NL0010526125	AALB 16.6SPLOPENG	EUR	16,7300	16,7300	16,6300				16,6300				
Warrant	NL0010942421	AALB 19.4SPLOPENG	EUR	14,1900	14,1900	14,0900				14,0900				
Warrant	NL0011012653	AALB 22.6SPLOPENG	EUR	11,3000	11,3000	11,2000				11,2000				
Warrant	NL0011373147	AALB 24.3SPLOPENG	EUR	9,7400	9,7400	9,6400				9,6400				
Warrant	NL0011848296	AALB 26.1SPLOPENG	EUR	8,1000	8,1000	8,0000				8,0000				
Warrant	NL0012064232	AALB 28.1SPLOPENG	EUR	6,3400	6,3400	6,2400				6,2400				
Warrant	NL0012064596	AALB 30.1SPLOPENG	EUR	4,4500	4,4500	4,3500				4,3500				
Warrant	NL0012067128	AALB 32.3SPLOPENG	EUR											
Warrant	NL0012076913	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012829303	AALB 34.6SPLOPENG	EUR											
Warrant	DE000CV8AJP2	ABLIZ 80C 0319Z	EUR	0,0280	0,0280	0,0270				0,0270				
Warrant	DE000CV8AJN7	ABLIZ 80C 1218Z	EUR	0,0250	0,0250	0,0250				0,0250				
Warrant	NL0011481379	ABN 10SPLOPENG	EUR	13,7800	13,7800	13,6200				13,6200				
Warrant	NL0011481387	ABN 11SPLOPENG	EUR	12,8400	12,8400	12,6800				12,6800				
Warrant	DE000CV894U6	ABN 20C 1218Z	EUR											
Warrant	NL0012826036	ABN 22SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012828255	ABN 23SPLOPENG	EUR											
Warrant	DE000CV8APT1	ABN 24C 0319Z	EUR											
Warrant	DE000CJ3PJQ5	ABN 24C 0619Z	EUR											
Warrant	DE000CV894W2	ABN 25C 1218Z	EUR											
Warrant	DE000CV8AM94	ABN 26C 0319Z	EUR											
Warrant	NL0011846910	ABN 9.3SPLOPENG	EUR	14,3700	14,3700	14,2100			14,2100					
Warrant	NL0011848379	ABN 11.7SPLOPENG	EUR	12,1800	12,1800	12,0200			12,0200					
Warrant	NL0011848361	ABN 12.5SPLOPENG	EUR	11,4800	11,4800	11,3200			11,3200					
Warrant	NL0011851134	ABN 13.3SPLOPENG	EUR	10,7500	10,7500	10,5900			10,5900					
Warrant	NL0011852025	ABN 14.1SPLOPENG	EUR	9,9900	9,9900	9,8300			9,8300					
Warrant	NL0011853304	ABN 14.9SPLOPENG	EUR	9,2000	9,2000	9,0400			9,0400					
Warrant	NL0011852983	ABN 15.2SPLOPENG	EUR	7,9600	7,9600	7,8000			7,8000					
Warrant	NL0011857412	ABN 15.8SPLOPENG	EUR	8,4000	8,4000	8,2400			8,2400					
Warrant	NL0011858410	ABN 16.7SPLOPENG	EUR	7,5100	7,5100	7,3500			7,3500					
Warrant	NL0012063325	ABN 17.7SPLOPENG	EUR	6,6000	6,6000	6,4400			6,4400					
Warrant	NL0012063929	ABN 18.7SPLOPENG	EUR	5,6500	5,6500	5,3900	10900,0000	2	5,4900	2000				
Warrant	NL0012073027	ABN 19.8SPLOPENG	EUR	4,6400	4,6400	4,4800			4,4800					
Warrant	NL0012836266	ABN 20.8SPLOPENG	EUR	3,7200	3,7200	3,5600			3,5600					
Warrant	NL0012076004	ABN 20.9SPLOPENG	EUR											
Warrant	DE000CJ3PJ7	ABN 22.5C 0319Z	EUR											
Warrant	DE000CV894V4	ABN 22.5C 1218Z	EUR											
Warrant	NL0012831622	ABN 23.1SPLOPENG	EUR											
Warrant	NL0012833933	ABN 23.2SPLOPENG	EUR											
Warrant	NL0012821524	ABN 24.2SPLOPENG	EUR											
Warrant	NL0012474845	ABN 25.3SPLOPENG	EUR	4,3900	4,5400	4,3900			4,5400					
Warrant	NL0012469738	ABN 27.3SPLOPENG	EUR	6,5600	6,7100	6,5600			6,7100					
Warrant	NL0011621412	ABN 11.28SPLOPENG	EUR	11,8500	11,8500	11,6900			11,6900					
Warrant	NL0011847629	ABN 11.99SPLOPENG	EUR	11,1700	11,1700	11,0100			11,0100					
Warrant	NL0011848049	ABN 12.74SPLOPENG	EUR	10,4000	10,4000	10,2400			10,2400					
Warrant	NL0011850607	ABN 13.53SPLOPENG	EUR	9,6400	9,6400	9,4800			9,4800					
Warrant	NL0011851381	ABN 14.36SPLOPENG	EUR	8,8100	8,8100	8,6500			8,6500					
Warrant	NL0011856794	ABN 16.09SPLOPENG	EUR	7,1100	7,1100	6,9500			6,9500					
Warrant	NL0011857479	ABN 17.03SPLOPENG	EUR	6,1300	6,1300	5,9700			5,9700					
Warrant	NL0011862727	ABN 18.01SPLOPENG	EUR	5,1500	5,1500	4,9900			4,9900					
Warrant	NL0012062988	ABN 19.04SPLOPENG	EUR	4,1300	4,1300	3,9700	204,0000	1	3,9700	50				
Warrant	NL0012070619	ABN 20.12SPLOPENG	EUR	3,0500	3,0500	2,8900			2,8900					
Warrant	NL0012825129	ABN 21.13SPLOPENG	EUR											
Warrant	NL0012834501	ABN 21.13SPLOPENG	EUR	2,0300	2,0300	1,8700			1,8700					
Warrant	NL0012835078	ABN 22.17SPLOPENG	EUR											
Warrant	NL0012835474	ABN 22.18SPLOPENG	EUR	0,9700	0,9700	0,6900	386,4000	1	0,8100	560				
Warrant	NL0012825830	ABN 22.21SPLOPENG	EUR											
Warrant	NL0012831887	ABN 23.31SPLOPENG	EUR											
Warrant	NL0012821003	ABN 23.96SPLOPENG	EUR											
Warrant	NL0012473086	ABN 24.92SPLOPENG	EUR	2,0600	2,2100	2,0600			2,2100					
Warrant	NL0012462006	ABN 26.91SPLOPENG	EUR	4,0600	4,2100	4,0600			4,2100					
Warrant	NL0012468557	ABN 28.89SPLOPENG	EUR	6,0400	6,1900	6,0400			6,1900					
Warrant	NL0011846589	ABN 9.246SPLOPENG	EUR	13,9000	13,9000	13,7400			13,7400					
Warrant	NL0010758488	ADIDA 49.2SPLOPENG	EUR	154,4000	154,4000	153,4000			153,4000					
Warrant	NL0011846431	ADIDA119.8SPLOPENG	EUR	88,6200	88,6200	87,6200			87,6200					
Warrant	NL0011851969	ADIDA142.2SPLOPENG	EUR											
Warrant	NL0012073464	ADIDA155.9SPLOPENG	EUR	5,5700	5,5700	5,4700			5,4700					
Warrant	NL0012477418	ADIDA170.1SPLOPENG	EUR	4,2400	4,2400	4,1400			4,1400					
Warrant	NL0012826739	ADIDA185.4SPLOPENG	EUR	2,8100	2,8100	2,7100			2,7100					
Warrant	NL0012068159	ADIDA187.6SPLOPENG	EUR											
Warrant	NL0012827984	ADIDA201.8SPLOPENG	EUR											
Warrant	NL0012465231	ADIDA218.6SPLOPENG	EUR	3,6900	3,7700	3,6900			3,7700					
Warrant	NL0012821698	ADYEN 141SPLOPENG	EUR	33,1100	33,1100	32,8100			32,8100					
Warrant	NL0012823702	ADYEN 494SPLOPENG	EUR											
Warrant	NL0012825277	ADYEN 563SPLOPENG	EUR											
Warrant	NL0012826960	ADYEN 611SPLOPENG	EUR											
Warrant	NL0012836035	ADYEN 387.SPLOPENG	EUR	7,2900	7,2900	7,0300			7,0300					
Warrant	NL0012821680	ADYEN161.1SPLOPENG	EUR	31,2800	31,2800	30,9800			30,9800					
Warrant	NL0012821672	ADYEN181.2SPLOPENG	EUR	29,4500	29,4500	29,1500			29,1500					
Warrant	NL0012821664	ADYEN201.3SPLOPENG	EUR	27,6100	27,6100	27,3200			27,3200					
Warrant	NL0012821979	ADYEN251.6SPLOPENG	EUR	23,0400	23,0400	22,7500			22,7500					
Warrant	NL0012821987	ADYEN301.9SPLOPENG	EUR	18,4600	18,4600	18,1600			18,1600					
Warrant	NL0012821995	ADYEN352.2SPLOPENG	EUR	13,8800	13,8800	13,5900			13,5900					
Warrant	NL0012822399	ADYEN376.8SPLOPENG	EUR	11,6400	11,6400	11,3400	1725,0000	1	11,3400	150				
Warrant	NL0012835854	ADYEN403.6SPLOPENG	EUR	9,1600	9,1600	8,8600			8,8600					
Warrant	NL0012836357	ADYEN425.7SPLOPENG	EUR	3,4200	3,4200	3,1200			3,1200					
Warrant	NL0012826721	ADYEN429.8SPLOPENG	EUR											
Warrant	NL0012822381	ADYEN431.5SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012835862	ADYEN461.5SPSOPENG	EUR											
Warrant	NL0012823157	ADYEN461.7SPLOPENG	EUR											
Warrant	NL0012825608	ADYEN477.5SPLOPENG	EUR											
Warrant	NL0012827760	ADYEN524.8SPLOPENG	EUR											
Warrant	NL0012825590	ADYEN525.2SPLOPENG	EUR											
Warrant	NL0012834550	ADYEN525.2SPLOPENG	EUR											
Warrant	NL0012824528	ADYEN526.3SPLOPENG	EUR											
Warrant	NL0012826952	ADYEN526.7SPLOPENG	EUR											
Warrant	NL0012827620	ADYEN527.8SPLOPENG	EUR											
Warrant	NL0012836043	ADYEN557.4SPSOPENG	EUR	10,3400	10,5500	10,3400			10,5500					
Warrant	NL0012828016	ADYEN564.8SPLOPENG	EUR											
Warrant	NL0012828172	ADYEN576.2SPLOPENG	EUR											
Warrant	NL0012830137	ADYEN576.8SPLOPENG	EUR											
Warrant	NL0012832877	ADYEN577.1SPLOPENG	EUR											
Warrant	NL0012829592	ADYEN603.8SPLOPENG	EUR											
Warrant	NL0012831721	ADYEN604.5SPLOPENG	EUR											
Warrant	NL0012829287	ADYEN633.7SPLOPENG	EUR											
Warrant	NL0012831283	ADYEN634.4SPLOPENG	EUR											
Warrant	NL0012836050	ADYEN655.7SPSOPENG	EUR	20,1700	20,3800	20,1700			20,3800					
Warrant	NL0012826069	ADYEN670.7SPSOPENG	EUR											
Warrant	NL0012825871	ADYEN674.3SPSOPENG	EUR											
Warrant	NL0012825889	ADYEN771.5SPSOPENG	EUR	32,6000	32,8100	32,6000				32,8100				
Warrant	NL0012830145	ADYEN887.2SPSOPENG	EUR	43,3200	43,5300	43,3200				43,5300				
Warrant	NL0009765163	AEGON 1SPLOPENG	EUR	4,2500	4,2500	4,1800				4,1800				
Warrant	DE000CV89507	AEGON 5C 1218Z	EUR	0,1950	0,1950	0,1550				0,1550				
Warrant	NL0012827596	AEGON 5SPLOPENG	EUR											
Warrant	DE000CV8AM48	AEGON 6C 0319Z	EUR	0,0620	0,0620	0,0520				0,0520				
Warrant	DE000CV8AEF4	AEGON 6C 1218Z	EUR	0,0120	0,0120	0,0120				0,0120				
Warrant	NL0006428286	AEGON 0.2SPLOPENG	EUR	4,8900	4,8900	4,8100				4,8100				
Warrant	NL0006428419	AEGON 0.7SPLOPENG	EUR	4,4900	4,4900	4,4100				4,4100				
Warrant	NL0009901941	AEGON 1.2SPLOPENG	EUR	3,9700	3,9700	3,8900				3,8900				
Warrant	NL0009905264	AEGON 1.6SPLOPENG	EUR	3,6800	3,6800	3,6100				3,6100				
Warrant	NL0010095642	AEGON 1.7SPLOPENG	EUR	3,5200	3,5200	3,4400				3,4400				
Warrant	NL0010104196	AEGON 1.9SPLOPENG	EUR	3,3600	3,3600	3,2800				3,2800				
Warrant	NL0010202354	AEGON 2.1SPLOPENG	EUR	3,1700	3,1700	3,1000				3,1000				
Warrant	NL0011848304	AEGON 2.6SPLOPENG	EUR	2,7600	2,7600	2,6800				2,6800				
Warrant	NL0011850839	AEGON 2.7SPLOPENG	EUR	2,6400	2,6400	2,5600				2,5600				
Warrant	NL0011857354	AEGON 3.1SPLOPENG	EUR	2,3100	2,3100	2,2300				2,2300				
Warrant	NL0011859335	AEGON 3.5SPLOPENG	EUR	1,9700	1,9700	1,8900				1,8900				
Warrant	NL0012072896	AEGON 3.7SPLOPENG	EUR	1,7800	1,7800	1,7100				1,7100				
Warrant	NL0012074140	AEGON 3.9SPLOPENG	EUR	1,5800	1,5800	1,5100				1,5100				
Warrant	NL0012077317	AEGON 4.1SPLOPENG	EUR	1,4000	1,4000	1,3200				1,3200				
Warrant	NL0012077747	AEGON 4.3SPLOPENG	EUR	1,2100	1,2100	1,1300				1,1300				
Warrant	NL0012463079	AEGON 4.6SPLOPENG	EUR	0,9700	0,9700	0,9000				0,9000				
Warrant	NL0012463848	AEGON 4.8SPLOPENG	EUR	0,7500	0,7500	0,6800				0,6800				
Warrant	NL0012824437	AEGON 5.2SPLOPENG	EUR											
Warrant	NL0012835268	AEGON 5.3SPLOPENG	EUR											
Warrant	NL0012831085	AEGON 5.3SPLOPENG	EUR											
Warrant	DE000CV8AY09	AEGON 5.5C 0319Z	EUR	0,1450	0,1450	0,1250				0,1250				
Warrant	DE000C3PIR3	AEGON 5.5C 0619Z	EUR	0,2050	0,2050	0,1850				0,1850				
Warrant	DE000CV89515	AEGON 5.5C 1218Z	EUR	0,0330	0,0330	0,0290				0,0290				
Warrant	NL0012833685	AEGON 5.5SPSOPENG	EUR											
Warrant	NL0012836100	AEGON 5.5SPSOPENG	EUR	1,1700	1,2500	1,1700				1,2500				
Warrant	NL0012831564	AEGON 5.6SPLOPENG	EUR											
Warrant	NL0012821383	AEGON 5.7SPSOPENG	EUR											
Warrant	NL0011196753	AEGON 5.9SPSOPENG	EUR	1,6400	1,7200	1,6400				1,7200				
Warrant	NL0012468839	AEGON 6.4SPSOPENG	EUR	2,1300	2,2000	2,1300				2,2000				
Warrant	NL0012479711	AEGON 6.8SPSOPENG	EUR	2,6300	2,7100	2,6300				2,7100				
Warrant	NL0011859657	AEGON 3.66SPLOPENG	EUR	1,4400	1,4400	1,3700				1,3700				
Warrant	NL0012075311	AEGON 4.08SPLOPENG	EUR	1,0200	1,0200	0,9500				0,9500				
Warrant	DE000C3P026	AEGON 6.05C 0619Z	EUR	0,0950	0,0950	0,0840				0,0840				
Warrant	NL0011847116	AEGON1.988SPLOPENG	EUR	3,1100	3,1100	3,0300				3,0300				
Warrant	NL0011845532	AEGON2.273SPLOPENG	EUR	2,8200	2,8200	2,7400				2,7400				
Warrant	NL0011844311	AEGON2.427SPLOPENG	EUR	2,6700	2,6700	2,5900				2,5900				
Warrant	NL0011847280	AEGON2.583SPLOPENG	EUR	2,5000	2,5000	2,4200				2,4200				
Warrant	NL0011847900	AEGON2.747SPLOPENG	EUR	2,3600	2,3600	2,2800				2,2800				
Warrant	NL0011856042	AEGON2.912SPLOPENG	EUR	2,1900	2,1900	2,1100				2,1100				
Warrant	NL0011856729	AEGON3.086SPLOPENG	EUR	2,0200	2,0200	1,9400				1,9400				
Warrant	NL0011859178	AEGON3.268SPLOPENG	EUR	1,8100	1,8100	1,7400				1,7400				
Warrant	NL0012073217	AEGON3.865SPLOPENG	EUR	1,2300	1,2300	1,1500				1,1500				
Warrant	NL0012077143	AEGON4.305SPLOPENG	EUR	0,7700	0,7700	0,6900	70,0000	1	0,6900	100				
Warrant	NL0012462881	AEGON4.536SPLOPENG	EUR	0,5500	0,5500	0,4700				0,4700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012463913	AEGON4.777SPLOPENG	EUR	0,2800	0,2800	0,2000	298,0000	2	0,2000	1400				
Warrant	NL0012067359	AEGON4.977SPLOPENG	EUR											
Warrant	NL0012824700	AEGON5.022SPLOPENG	EUR											
Warrant	NL0012830467	AEGON5.265SPLOPENG	EUR											
Warrant	NL0012833156	AEGON5.266SPLOPENG	EUR											
Warrant	NL0012834402	AEGON5.274SPLOPENG	EUR											
Warrant	NL0012830798	AEGON5.527SPLOPENG	EUR											
Warrant	NL0012831531	AEGON5.529SPLOPENG	EUR											
Warrant	NL0012832687	AEGON5.542SPSOPENG	EUR											
Warrant	NL0012820922	AEGON5.551SPSOPENG	EUR											
Warrant	NL0011196506	AEGON5.953SPSOPENG	EUR	0,9700	1,0400	0,9700			1,0400					
Warrant	NL0011203740	AEGON6.999SPSOPENG	EUR	2,0200	2,1000	2,0200				2,1000				
Warrant	NL0011205893	AEGON7.558SPSOPENG	EUR	2,5700	2,6500	2,5700				2,6500				
Warrant	NL0006423097	AEX 38SPLOPENG	EUR											
Warrant	NL0006428179	AEX 51SPLOPENG	EUR											
Warrant	NL0006428161	AEX 63SPLOPENG	EUR											
Warrant	NL0006422982	AEX 75SPLOPENG	EUR											
Warrant	NL0006427973	AEX 81SPLOPENG	EUR											
Warrant	NL0006427965	AEX 88SPLOPENG	EUR											
Warrant	NL0006428351	AEX 100SPLOPENG	EUR											
Warrant	NL0009105006	AEX 113SPLOPENG	EUR											
Warrant	NL0009105147	AEX 120SPLOPENG	EUR											
Warrant	NL0009105139	AEX 126SPLOPENG	EUR											
Warrant	NL0009105592	AEX 133SPLOPENG	EUR											
Warrant	NL0009106889	AEX 140SPLOPENG	EUR											
Warrant	NL0009106871	AEX 146SPLOPENG	EUR											
Warrant	NL0009106863	AEX 152SPLOPENG	EUR											
Warrant	NL0009111012	AEX 158SPLOPENG	EUR											
Warrant	NL0009111004	AEX 164SPLOPENG	EUR											
Warrant	NL0009111061	AEX 170SPLOPENG	EUR											
Warrant	NL0009111053	AEX 176SPLOPENG	EUR											
Warrant	NL0009111046	AEX 182SPLOPENG	EUR											
Warrant	NL0009879477	AEX 188SPLOPENG	EUR											
Warrant	NL0009879469	AEX 193SPLOPENG	EUR											
Warrant	NL0009901792	AEX 198SPLOPENG	EUR											
Warrant	NL0009901784	AEX 204SPLOPENG	EUR											
Warrant	NL0009901925	AEX 210SPLOPENG	EUR											
Warrant	NL0009902220	AEX 215SPLOPENG	EUR											
Warrant	NL0010102521	AEX 227SPLOPENG	EUR											
Warrant	NL0010084976	AEX 232SPLOPENG	EUR											
Warrant	NL0010085239	AEX 238SPLOPENG	EUR											
Warrant	NL0010085221	AEX 244SPLOPENG	EUR											
Warrant	NL0010087052	AEX 250SPLOPENG	EUR											
Warrant	NL0010201893	AEX 257SPLOPENG	EUR											
Warrant	NL0010215349	AEX 264SPLOPENG	EUR											
Warrant	NL0010215786	AEX 271SPLOPENG	EUR											
Warrant	NL0010350492	AEX 278SPLOPENG	EUR											
Warrant	NL0010465506	AEX 285SPLOPENG	EUR											
Warrant	NL0010465498	AEX 293SPLOPENG	EUR											
Warrant	NL0010467718	AEX 300SPLOPENG	EUR											
Warrant	NL0010468476	AEX 308SPLOPENG	EUR											
Warrant	NL0010535225	AEX 316SPLOPENG	EUR											
Warrant	NL0010829636	AEX 318SPLOPENG	EUR											
Warrant	NL0010829628	AEX 320SPLOPENG	EUR											
Warrant	NL0010829610	AEX 322SPLOPENG	EUR											
Warrant	NL0010829602	AEX 324SPLOPENG	EUR											
Warrant	NL0010829594	AEX 326SPLOPENG	EUR											
Warrant	NL0010829586	AEX 328SPLOPENG	EUR											
Warrant	NL0010829578	AEX 330SPLOPENG	EUR											
Warrant	NL0010829560	AEX 332SPLOPENG	EUR											
Warrant	NL0010830832	AEX 334SPLOPENG	EUR											
Warrant	NL0010938957	AEX 338SPLOPENG	EUR											
Warrant	NL0010938940	AEX 340SPLOPENG	EUR											
Warrant	NL0010938932	AEX 342SPLOPENG	EUR											
Warrant	NL0011618962	AEX 344SPLOPENG	EUR											
Warrant	NL0011619515	AEX 346SPLOPENG	EUR											
Warrant	NL0011619507	AEX 350SPLOPENG	EUR											
Warrant	NL0011619499	AEX 354SPLOPENG	EUR											
Warrant	NL0011619481	AEX 358SPLOPENG	EUR											
Warrant	NL0011619473	AEX 362SPLOPENG	EUR											
Warrant	NL0011620125	AEX 364SPLOPENG	EUR											
Warrant	NL0011620240	AEX 366SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011620232	AEX 370SPLOPENG	EUR											
Warrant	NL0011622188	AEX 373SPLOPENG	EUR											
Warrant	NL0011622287	AEX 375SPLOPENG	EUR											
Warrant	NL0011622279	AEX 379SPLOPENG	EUR											
Warrant	NL0011622261	AEX 381SPLOPENG	EUR											
Warrant	NL0011843925	AEX 383SPLOPENG	EUR											
Warrant	NL0011844956	AEX 388SPLOPENG	EUR											
Warrant	NL0011844949	AEX 392SPLOPENG	EUR											
Warrant	NL0011847207	AEX 394SPLOPENG	EUR											
Warrant	NL0011847199	AEX 396SPLOPENG	EUR											
Warrant	NL0011847181	AEX 398SPLOPENG	EUR											
Warrant	NL0011847652	AEX 403SPLOPENG	EUR											
Warrant	NL0011848072	AEX 405SPLOPENG	EUR											
Warrant	NL0011848064	AEX 410SPLOPENG	EUR											
Warrant	NL0011620695	AEX 412SPLOPENG	EUR											
Warrant	NL0011848056	AEX 412SPLOPENG	EUR											
Warrant	NL0011859277	AEX 415SPLOPENG	EUR											
Warrant	NL0011859269	AEX 418SPLOPENG	EUR	11,1400	11,1400	11,1400	278,5000	1	11,1400	25				
Warrant	NL0011859574	AEX 422SPLOPENG	EUR											
Warrant	NL0011862115	AEX 424SPLOPENG	EUR											
Warrant	NL0011862263	AEX 424SPLOPENG	EUR											
Warrant	NL0011862495	AEX 427SPLOPENG	EUR											
Warrant	NL0011862487	AEX 429SPLOPENG	EUR											
Warrant	NL0011862479	AEX 431SPLOPENG	EUR											
Warrant	NL0011862313	AEX 431SPLOPENG	EUR											
Warrant	NL0011862461	AEX 434SPLOPENG	EUR											
Warrant	NL0011862990	AEX 436SPLOPENG	EUR											
Warrant	NL0011862982	AEX 438SPLOPENG	EUR											
Warrant	NL0011863139	AEX 441SPLOPENG	EUR											
Warrant	NL0012061600	AEX 446SPLOPENG	EUR											
Warrant	NL0011853080	AEX 447SPLOPENG	EUR											
Warrant	NL0011859566	AEX 448SPLOPENG	EUR											
Warrant	NL0012061972	AEX 448SPLOPENG	EUR											
Warrant	NL0011853072	AEX 449SPLOPENG	EUR											
Warrant	NL0011630322	AEX 449SPLOPENG	EUR											
Warrant	NL0012062228	AEX 450SPLOPENG	EUR											
Warrant	NL0011859558	AEX 450SPLOPENG	EUR											
Warrant	NL0012062418	AEX 453SPLOPENG	EUR											
Warrant	NL0012065320	AEX 455SPLOPENG	EUR											
Warrant	NL0012065312	AEX 458SPLOPENG	EUR											
Warrant	DE000C3N872	AEX 460P 0919Z	EUR	1,3650	1,3650	1,3650			1,3650					
Warrant	NL0012065692	AEX 460SPLOPENG	EUR											
Warrant	NL0012065817	AEX 465SPLOPENG	EUR											
Warrant	NL0012066245	AEX 470SPLOPENG	EUR											
Warrant	NL0012066807	AEX 473SPLOPENG	EUR	5,8800	5,9600	5,8200	17680,0000	6	5,8200	3000				
Warrant	NL0012067193	AEX 475SPLOPENG	EUR											
Warrant	DE000C3QJH8	AEX 480P 0619Z	EUR	0,6850	0,6850	0,6850			0,6850					
Warrant	NL0012067771	AEX 480SPLOPENG	EUR	5,1900	5,1900	4,9800	1017,0000	2	4,9800	200				
Warrant	NL0012068373	AEX 483SPLOPENG	EUR											
Warrant	DE000CV4ZYB7	AEX 485P 1218Z	EUR	0,0920	0,0920	0,0880			0,0880					
Warrant	NL0012069496	AEX 488SPLOPENG	EUR											
Warrant	DE000C3N856	AEX 490P 0319Z	EUR	0,8750	0,8750	0,8750			0,8750					
Warrant	NL0012075899	AEX 491SPLOPENG	EUR											
Warrant	NL0012079131	AEX 493SPLOPENG	EUR											
Warrant	NL0012079123	AEX 496SPLOPENG	EUR											
Warrant	NL0012079115	AEX 498SPLOPENG	EUR											
Warrant	DE000CV8A7B1	AEX 500P 0619Z	EUR	0,9850	0,9850	0,9850			0,9850					
Warrant	DE000C3QJM2	AEX 500P 0919Z	EUR	1,3050	1,3050	1,3050			1,3050					
Warrant	NL0012079586	AEX 501SPLOPENG	EUR											
Warrant	NL0012834246	AEX 503SPLOPENG	EUR											
Warrant	NL0012079909	AEX 504SPLOPENG	EUR											
Warrant	DE000CV4ZYA9	AEX 505P 1218Z	EUR	0,2050	0,2050	0,1950			0,1950					
Warrant	NL0012836167	AEX 505SPLOPENG	EUR											
Warrant	NL0012474878	AEX 506SPLOPENG	EUR											
Warrant	NL0012835003	AEX 509SPLOPENG	EUR											
Warrant	NL0012478465	AEX 509SPLOPENG	EUR											
Warrant	DE000CV8A622	AEX 510C 0319Z	EUR	1,2050	1,2150	1,2050			1,2150					
Warrant	DE000CV8A732	AEX 510P 0319Z	EUR	0,7050	0,7050	0,7050			0,7050					
Warrant	NL0012478457	AEX 511SPLOPENG	EUR											
Warrant	NL0012478440	AEX 514SPLOPENG	EUR											
Warrant	NL0012833248	AEX 514SPLOPENG	EUR											
Warrant	DE000CV4ZXN4	AEX 515C 1218Z	EUR	0,6750	0,6750	0,6750			0,6750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012834998	AEX 516SPLOPENG	EUR											
Warrant	NL0012478432	AEX 517SPLOPENG	EUR											
Warrant	NL0012833230	AEX 517SPLOPENG	EUR											
Warrant	NL0012835169	AEX 519SPLOPENG	EUR											
Warrant	NL0012478424	AEX 519SPLOPENG	EUR											
Warrant	DE000CV8A773	AEX 520C 0619Z	EUR	0,9550	0,9550	0,9550			0,9550					
Warrant	DE000CJ3N864	AEX 520C 0919Z	EUR	2,1050	2,1050	2,1050			2,1050					
Warrant	DE000CJ3QJK6	AEX 520P 0619Z	EUR	1,4250	1,4250	1,4250			1,4250					
Warrant	NL0012479208	AEX 522SPLOPENG	EUR											
Warrant	DE000CV4ZY95	AEX 525P 1218Z	EUR	0,5250	0,5250	0,5250			0,5250					
Warrant	NL0012479497	AEX 525SPLOPENG	EUR											
Warrant	NL0012834253	AEX 526SPSOPENG	EUR											
Warrant	NL0011304605	AEX 526SPSOPENG	EUR											
Warrant	NL0012479695	AEX 527SPLOPENG	EUR											
Warrant	NL0012833404	AEX 529SPSOPENG	EUR											
Warrant	DE000CJ3N849	AEX 530C 0319Z	EUR	1,2950	1,3150	1,2950			1,3150					
Warrant	DE000CJ3P000	AEX 530P 0319Z	EUR	1,1450	1,1550	1,1450			1,1550					
Warrant	NL0012480156	AEX 530SPLOPENG	EUR											
Warrant	NL0012833412	AEX 531SPSOPENG	EUR											
Warrant	NL0012836175	AEX 532SPSOPENG	EUR											
Warrant	NL0012480149	AEX 533SPLOPENG	EUR											
Warrant	NL0012833255	AEX 534SPSOPENG	EUR											
Warrant	DE000CV4ZXP9	AEX 535C 1218Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	NL0012480560	AEX 535SPLOPENG	EUR											
Warrant	NL0012830236	AEX 535SPLOPENG	EUR											
Warrant	NL0012833263	AEX 537SPSOPENG	EUR											
Warrant	NL0012480552	AEX 538SPLOPENG	EUR											
Warrant	NL0012830558	AEX 538SPLOPENG	EUR											
Warrant	NL0012833271	AEX 539SPSOPENG	EUR											
Warrant	DE000CJ3QJH2	AEX 540C 0619Z	EUR	0,5550	0,5550	0,5550			0,5550					
Warrant	DE000CV8A7C9	AEX 540P 0619Z	EUR	2,0250	2,0250	2,0250			2,0250					
Warrant	DE000CJ3N880	AEX 540P 0919Z	EUR	4,8050	4,8050	4,8050			4,8050					
Warrant	NL0012822829	AEX 540SPLOPENG	EUR											
Warrant	NL0012830905	AEX 541SPLOPENG	EUR											
Warrant	NL0012833289	AEX 542SPSOPENG	EUR											
Warrant	NL0012822811	AEX 543SPLOPENG	EUR											
Warrant	NL0012831291	AEX 544SPLOPENG	EUR											
Warrant	DE000CV4ZY87	AEX 545P 1218Z	EUR	1,2450	1,2450	1,2350			1,2350					
Warrant	NL0012833297	AEX 545SPSOPENG	EUR											
Warrant	NL0012829139	AEX 545SPSOPENG	EUR											
Warrant	NL0012823819	AEX 546SPLOPENG	EUR											
Warrant	NL0012829147	AEX 547SPSOPENG	EUR											
Warrant	NL0012833305	AEX 548SPSOPENG	EUR											
Warrant	NL0012827463	AEX 549SPLOPENG	EUR											
Warrant	DE000CV8A708	AEX 550C 0319Z	EUR	0,2950	0,3050	0,2950			0,3050					
Warrant	DE000CV8A740	AEX 550P 0319Z	EUR	1,8050	1,8050	1,8050			1,8050					
Warrant	NL0012829154	AEX 550SPSOPENG	EUR											
Warrant	NL0012833313	AEX 550SPSOPENG	EUR											
Warrant	NL0012828024	AEX 551SPLOPENG	EUR											
Warrant	NL0012823876	AEX 552SPLOPENG	EUR											
Warrant	NL0012829162	AEX 553SPSOPENG	EUR											
Warrant	NL0012829170	AEX 553SPSOPENG	EUR											
Warrant	NL0012828305	AEX 554SPLOPENG	EUR											
Warrant	DE000CV4ZXQ7	AEX 555C 1218Z	EUR	0,0570	0,0570	0,0570			0,0570					
Warrant	NL0012824411	AEX 555SPLOPENG	EUR											
Warrant	NL0012829188	AEX 556SPSOPENG	EUR											
Warrant	NL0012824403	AEX 557SPLOPENG	EUR											
Warrant	NL0012829196	AEX 559SPSOPENG	EUR											
Warrant	DE000CV8A781	AEX 560C 0619Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	DE000CJ3QL4	AEX 560C 0919Z	EUR	0,4050	0,4050	0,4050			0,4050					
Warrant	NL0012824916	AEX 560SPLOPENG	EUR											
Warrant	NL0012827273	AEX 562SPSOPENG	EUR											
Warrant	NL0012825525	AEX 563SPLOPENG	EUR											
Warrant	NL0012827281	AEX 564SPSOPENG	EUR											
Warrant	NL0012825616	AEX 566SPLOPENG	EUR											
Warrant	NL0012827299	AEX 567SPSOPENG	EUR											
Warrant	NL0012068878	AEX 570SPSOPENG	EUR	6,0200	6,0200	6,0200	602,0000	1	6,0200	100				
Warrant	DE000CV8A707	AEX 580P 0619Z	EUR	3,6650	3,6650	3,6550			3,6550					
Warrant	NL0012074819	AEX 585SPSOPENG	EUR											
Warrant	DE000CV8A716	AEX 590C 0319Z	EUR	0,0900	0,0920	0,0900			0,0920					
Warrant	DE000CV8A757	AEX 590P 0319Z	EUR	3,5950	3,5950	3,5850			3,5850					
Warrant	NL0012463269	AEX 591SPSOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	DE000CV8A799	AEX 600C 0619Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	DE000CJ3P018	AEX 600C 0919Z	EUR	0,1800	0,1800	0,1800			0,1800					
Warrant	NL0012463277	AEX 600SPSOPENG	EUR	9,1200	9,1200	9,1200	912,0000	1	9,1200	100				
Warrant	NL0012463285	AEX 613SPSOPENG	EUR											
Warrant	DE000CV8A7E5	AEX 620P 0619Z	EUR	5,5850	5,5850	5,5850			5,5850					
Warrant	NL0012463715	AEX 622SPSOPENG	EUR											
Warrant	NL0012467906	AEX 626SPSOPENG	EUR											
Warrant	DE000CV8A724	AEX 630C 0319Z	EUR	0,0660	0,0660	0,0660			0,0660					
Warrant	DE000CV8A765	AEX 630P 0319Z	EUR	5,5650	5,5650	5,5650			5,5650					
Warrant	NL0012467914	AEX 632SPSOPENG	EUR											
Warrant	NL0012470363	AEX 638SPSOPENG	EUR											
Warrant	DE000CV8A7A3	AEX 640C 0619Z	EUR	0,0910	0,0930	0,0910			0,0930					
Warrant	NL0012470371	AEX 645SPSOPENG	EUR											
Warrant	NL0012470389	AEX 652SPSOPENG	EUR											
Warrant	NL0012819007	AEX 658SPSOPENG	EUR											
Warrant	NL0012819015	AEX 665SPSOPENG	EUR											
Warrant	NL0012820328	AEX 672SPSOPENG	EUR											
Warrant	NL0012825533	AEX 696SPSOPENG	EUR											
Warrant	NL0012825541	AEX 706SPSOPENG	EUR											
Warrant	NL0010215893	AEX 273.SPLOPENG	EUR											
Warrant	NL0010468369	AEX 303.SPLOPENG	EUR											
Warrant	NL0010938841	AEX 336.SPLOPENG	EUR											
Warrant	NL0010938833	AEX 337.SPLOPENG	EUR											
Warrant	NL0010938825	AEX 338.SPLOPENG	EUR											
Warrant	NL0011620588	AEX 371.SPLOPENG	EUR											
Warrant	NL0011622527	AEX 372.SPLOPENG	EUR											
Warrant	NL0011845037	AEX 386.SPLOPENG	EUR											
Warrant	NL0011848189	AEX 407.SPLOPENG	EUR											
Warrant	NL0011863097	AEX 438.SPLOPENG	EUR											
Warrant	NL0012061634	AEX 444.SPLOPENG	EUR											
Warrant	NL0012065619	AEX 455.SPLOPENG	EUR											
Warrant	NL0012065593	AEX 460.SPLOPENG	EUR											
Warrant	NL0012066021	AEX 465.SPLOPENG	EUR											
Warrant	NL0012069926	AEX 488.SPLOPENG	EUR											
Warrant	NL0012079974	AEX 501.SPLOPENG	EUR											
Warrant	NL0012834667	AEX 506.SPLOPENG	EUR	1,8500	1,8600	1,4500	20630,4700	14	1,5100	12327				
Warrant	NL0012478580	AEX 510.SPLOPENG	EUR											
Warrant	NL0012832927	AEX 514.SPLOPENG	EUR											
Warrant	NL0012832414	AEX 529.SPLOPENG	EUR											
Warrant	NL0012480461	AEX 534.SPLOPENG	EUR											
Warrant	NL0012832430	AEX 534.SPLOPENG	EUR											
Warrant	NL0012830608	AEX 538.SPLOPENG	EUR											
Warrant	NL0012830830	AEX 542.SPLOPENG	EUR											
Warrant	NL0012833040	AEX 546.SPLOPENG	EUR											
Warrant	NL0012824544	AEX 549.SPLOPENG	EUR											
Warrant	NL0012828891	AEX 554.SPLOPENG	EUR	3,2800	3,4000	3,2800	2510,0000	3	3,4000	750				
Warrant	NL0012825673	AEX 559.SPLOPENG	EUR											
Warrant	NL0012463517	AEX 608.SPLOPENG	EUR											
Warrant	NL0012471262	AEX 645.SPLOPENG	EUR											
Warrant	NL0010209805	AEX 255.8SPLOPENG	EUR											
Warrant	NL0010209797	AEX 262.3SPLOPENG	EUR											
Warrant	NL0010215455	AEX 265.8SPLOPENG	EUR											
Warrant	NL0010215570	AEX 269.4SPLOPENG	EUR											
Warrant	NL0010351003	AEX 280.4SPLOPENG	EUR											
Warrant	NL0010466090	AEX 284.1SPLOPENG	EUR											
Warrant	NL0010466082	AEX 287.8SPLOPENG	EUR											
Warrant	NL0010466074	AEX 291.5SPLOPENG	EUR											
Warrant	NL0010467734	AEX 295.3SPLOPENG	EUR											
Warrant	NL0010467726	AEX 299.1SPLOPENG	EUR											
Warrant	NL0010468351	AEX 306.9SPLOPENG	EUR											
Warrant	NL0010468880	AEX 310.8SPLOPENG	EUR											
Warrant	NL0010526075	AEX 314.8SPLOPENG	EUR											
Warrant	NL0010535258	AEX 318.8SPLOPENG	EUR											
Warrant	NL0010543864	AEX 320.8SPLOPENG	EUR											
Warrant	NL0010545448	AEX 321.8SPLOPENG	EUR											
Warrant	NL0010544573	AEX 322.8SPLOPENG	EUR											
Warrant	NL0010829800	AEX 323.8SPLOPENG	EUR											
Warrant	NL0010829792	AEX 324.8SPLOPENG	EUR											
Warrant	NL0010829784	AEX 325.8SPLOPENG	EUR											
Warrant	NL0010829776	AEX 326.8SPLOPENG	EUR											
Warrant	NL0010829768	AEX 327.8SPLOPENG	EUR											
Warrant	NL0010829750	AEX 328.8SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010829743	AEX 329.9SPLOPENG	EUR											
Warrant	NL0010938247	AEX 331.9SPLOPENG	EUR											
Warrant	NL0010938239	AEX 332.9SPLOPENG	EUR											
Warrant	NL0010938866	AEX 333.9SPLOPENG	EUR											
Warrant	NL0010938858	AEX 334.9SPLOPENG	EUR											
Warrant	NL0010938817	AEX 339.1SPLOPENG	EUR											
Warrant	NL0010938809	AEX 340.1SPLOPENG	EUR											
Warrant	NL0010938791	AEX 341.1SPLOPENG	EUR											
Warrant	NL0010939435	AEX 342.2SPLOPENG	EUR											
Warrant	NL0011619879	AEX 344.2SPLOPENG	EUR											
Warrant	NL0011619861	AEX 347.2SPLOPENG	EUR											
Warrant	NL0011619853	AEX 350.2SPLOPENG	EUR											
Warrant	NL0011619846	AEX 354.3SPLOPENG	EUR											
Warrant	NL0011619838	AEX 356.3SPLOPENG	EUR											
Warrant	NL0011619820	AEX 358.4SPLOPENG	EUR											
Warrant	NL0011619812	AEX 360.5SPLOPENG	EUR											
Warrant	NL0011620026	AEX 361.5SPLOPENG	EUR											
Warrant	NL0011620398	AEX 363.6SPLOPENG	EUR											
Warrant	NL0011620380	AEX 365.7SPLOPENG	EUR											
Warrant	NL0011620372	AEX 366.7SPLOPENG	EUR											
Warrant	NL0011620364	AEX 367.8SPLOPENG	EUR											
Warrant	NL0011622519	AEX 374.2SPLOPENG	EUR											
Warrant	NL0011622501	AEX 376.3SPLOPENG	EUR											
Warrant	NL0011622493	AEX 378.5SPLOPENG	EUR											
Warrant	NL0011622485	AEX 379.6SPLOPENG	EUR											
Warrant	NL0011622477	AEX 380.6SPLOPENG	EUR											
Warrant	NL0011622469	AEX 381.7SPLOPENG	EUR											
Warrant	NL0011844808	AEX 383.9SPLOPENG	EUR											
Warrant	NL0011845029	AEX 388.2SPLOPENG	EUR											
Warrant	NL0011845011	AEX 391.5SPLOPENG	EUR											
Warrant	NL0011845003	AEX 393.6SPLOPENG	EUR											
Warrant	NL0011847256	AEX 394.7SPLOPENG	EUR											
Warrant	NL0011847249	AEX 395.8SPLOPENG	EUR											
Warrant	NL0011847751	AEX 396.9SPLOPENG	EUR											
Warrant	NL0011847744	AEX 399.1SPLOPENG	EUR											
Warrant	NL0011847736	AEX 400.2SPLOPENG	EUR											
Warrant	NL0011847728	AEX 401.4SPLOPENG	EUR											
Warrant	NL0011847710	AEX 402.5SPLOPENG	EUR											
Warrant	NL0011848205	AEX 403.6SPLOPENG	EUR											
Warrant	NL0011848197	AEX 404.7SPLOPENG	EUR											
Warrant	NL0011848171	AEX 409.2SPLOPENG	EUR											
Warrant	NL0011620554	AEX 409.3SPLOPENG	EUR											
Warrant	NL0011848163	AEX 410.4SPLOPENG	EUR											
Warrant	NL0011848478	AEX 411.5SPLOPENG	EUR											
Warrant	NL0011850664	AEX 412.6SPLOPENG	EUR											
Warrant	NL0011859889	AEX 414.8SPLOPENG	EUR											
Warrant	NL0011859871	AEX 417.1SPLOPENG	EUR											
Warrant	NL0011859863	AEX 419.4SPLOPENG	EUR											
Warrant	NL0011617550	AEX 419.4SPLOPENG	EUR											
Warrant	NL0011859855	AEX 421.7SPLOPENG	EUR											
Warrant	NL0011860812	AEX 422.8SPLOPENG	EUR											
Warrant	NL0011862107	AEX 425.2SPLOPENG	EUR											
Warrant	NL0011862354	AEX 426.3SPLOPENG	EUR											
Warrant	NL0011862347	AEX 427.5SPLOPENG	EUR											
Warrant	NL0011862339	AEX 428.7SPLOPENG	EUR											
Warrant	NL0011862321	AEX 429.8SPLOPENG	EUR											
Warrant	NL0011862743	AEX 432.1SPLOPENG	EUR											
Warrant	NL0011862735	AEX 433.3SPLOPENG	EUR											
Warrant	NL0011862925	AEX 434.5SPLOPENG	EUR											
Warrant	NL0011862917	AEX 435.7SPLOPENG	EUR	8,7300	8,7300	8,7300	10476,0000	2	8,7300	1200				
Warrant	NL0011862909	AEX 436.9SPLOPENG	EUR											
Warrant	NL0012061519	AEX 439.2SPLOPENG	EUR											
Warrant	NL0012061501	AEX 440.4SPLOPENG	EUR											
Warrant	NL0012061493	AEX 441.6SPLOPENG	EUR											
Warrant	NL0012061485	AEX 442.8SPLOPENG	EUR											
Warrant	NL0012061881	AEX 445.3SPLOPENG	EUR											
Warrant	NL0011859848	AEX 445.4SPLOPENG	EUR											
Warrant	NL0011853114	AEX 446.2SPLOPENG	EUR											
Warrant	NL0012062244	AEX 446.5SPLOPENG	EUR											
Warrant	NL0011859830	AEX 446.6SPLOPENG	EUR											
Warrant	NL0011853106	AEX 447.3SPLOPENG	EUR											
Warrant	NL0012062236	AEX 447.7SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011859822	AEX 447.7SPLOPENG	EUR											
Warrant	NL0011853239	AEX 448.4SPLOPENG	EUR											
Warrant	NL0012062368	AEX 448.9SPLOPENG	EUR											
Warrant	NL0011853668	AEX 449.6SPLOPENG	EUR											
Warrant	NL0011853650	AEX 450.7SPLOPENG	EUR											
Warrant	NL0012062350	AEX 451.3SPLOPENG	EUR											
Warrant	NL0012062525	AEX 452.6SPLOPENG	EUR											
Warrant	NL0012062517	AEX 453.8SPLOPENG	EUR											
Warrant	NL0011357348	AEX 455.9SPSOPENG	EUR											
Warrant	NL0012065601	AEX 457.5SPLOPENG	EUR											
Warrant	NL0012065585	AEX 461.2SPLOPENG	EUR											
Warrant	NL0012066047	AEX 462.5SPLOPENG	EUR											
Warrant	NL0012066039	AEX 463.7SPLOPENG	EUR											
Warrant	NL0012066328	AEX 466.2SPLOPENG	EUR											
Warrant	NL0012066310	AEX 467.5SPLOPENG	EUR											
Warrant	NL0012066740	AEX 468.7SPLOPENG	EUR											
Warrant	NL0012066732	AEX 471.3SPLOPENG	EUR											
Warrant	NL0012066955	AEX 472.5SPLOPENG	EUR											
Warrant	NL0012067250	AEX 473.8SPLOPENG	EUR											
Warrant	NL0012067854	AEX 475.1SPLOPENG	EUR											
Warrant	NL0012067847	AEX 477.7SPLOPENG	EUR	4,6600	4,6600	4,4700	1826,0000	2	4,4700	400				
Warrant	NL0012067839	AEX 480.2SPLOPENG	EUR											
Warrant	NL0012067821	AEX 481.5SPLOPENG	EUR											
Warrant	NL0012068597	AEX 484.1SPLOPENG	EUR											
Warrant	NL0012068720	AEX 485.4SPLOPENG	EUR											
Warrant	NL0012069371	AEX 486.7SPLOPENG	EUR											
Warrant	NL0012070080	AEX 489.3SPLOPENG	EUR	3,4800	3,4800	3,2000	2067,3600	3	3,2000	607				
Warrant	NL0012070502	AEX 490.7SPLOPENG	EUR	2,9900	3,0900	2,9900	1216,0000	2	3,0900	400				
Warrant	NL0012076046	AEX 491.9SPLOPENG	EUR											
Warrant	NL0012076038	AEX 493.2SPLOPENG	EUR											
Warrant	NL0012076020	AEX 494.5SPLOPENG	EUR	2,7900	2,7900	2,7900	837,0000	1	2,7900	300				
Warrant	NL0012079248	AEX 495.8SPLOPENG	EUR	2,4900	2,5900	2,4900	5080,0000	2	2,5900	2000				
Warrant	NL0012079230	AEX 497.1SPLOPENG	EUR											
Warrant	NL0012079982	AEX 498.4SPLOPENG	EUR	2,5700	2,5900	2,1700	3707,7000	9	2,1700	1540				
Warrant	NL0012834717	AEX 499.7SPLOPENG	EUR											
Warrant	NL0012834709	AEX 500.9SPLOPENG	EUR	2,3600	2,3700	1,9400	1965,8500	4	2,0400	910				
Warrant	NL0012834691	AEX 502.2SPLOPENG	EUR											
Warrant	NL0012079966	AEX 502.3SPLOPENG	EUR											
Warrant	NL0012834683	AEX 503.4SPLOPENG	EUR	1,8000	1,9800	1,6700	5731,0000	5	1,7000	3080				
Warrant	NL0012079958	AEX 503.6SPLOPENG	EUR											
Warrant	NL0012834675	AEX 504.7SPLOPENG	EUR	1,9700	1,9700	1,6600	3811,4000	4	1,8200	2110				
Warrant	NL0012080279	AEX 504.8SPLOPENG	EUR											
Warrant	NL0012473383	AEX 506.2SPLOPENG	EUR											
Warrant	NL0012834659	AEX 507.1SPLOPENG	EUR											
Warrant	NL0012836290	AEX 507.3SPLOPENG	EUR											
Warrant	NL0012478051	AEX 507.5SPLOPENG	EUR											
Warrant	NL0012834642	AEX 508.4SPLOPENG	EUR											
Warrant	NL0012836282	AEX 508.5SPLOPENG	EUR	1,4000	1,4500	1,1500	8233,4000	10	1,2200	6226				
Warrant	NL0012478598	AEX 508.8SPLOPENG	EUR											
Warrant	NL0012834832	AEX 509.7SPLOPENG	EUR											
Warrant	NL0012834824	AEX 510.9SPLOPENG	EUR											
Warrant	NL0012478572	AEX 511.4SPLOPENG	EUR											
Warrant	NL0012834816	AEX 512.2SPLOPENG	EUR											
Warrant	NL0012478564	AEX 512.7SPLOPENG	EUR											
Warrant	NL0012834808	AEX 513.5SPLOPENG	EUR											
Warrant	NL0012478556	AEX 513.9SPLOPENG	EUR											
Warrant	NL0012834790	AEX 514.8SPLOPENG	EUR											
Warrant	NL0012832919	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012478549	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012834782	AEX 516.1SPLOPENG	EUR											
Warrant	NL0012832901	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012478531	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012835110	AEX 517.4SPLOPENG	EUR											
Warrant	NL0012832893	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012478523	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012834063	AEX 518.5SPSOPENG	EUR											
Warrant	NL0012835102	AEX 518.7SPLOPENG	EUR											
Warrant	NL0012832885	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012479323	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012834071	AEX 519.8SPSOPENG	EUR											
Warrant	NL0012479638	AEX 520.5SPLOPENG	EUR											
Warrant	NL0012833586	AEX 521.1SPSOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012479620	AEX 521.8SPLOPENG	EUR											
Warrant	NL0012833594	AEX 522.45SPOPENG	EUR											
Warrant	NL0012479612	AEX 523.25SPLOPENG	EUR											
Warrant	NL0012833420	AEX 523.65SPOPENG	EUR											
Warrant	NL0012479752	AEX 524.55SPLOPENG	EUR											
Warrant	NL0012833438	AEX 524.95SPOPENG	EUR											
Warrant	NL0012835540	AEX 525.55SPOPENG	EUR	0,3700	0,6500	0,3500	4026,8600	19	0,6100	7742				
Warrant	NL0012479810	AEX 525.95SPLOPENG	EUR											
Warrant	NL0012833446	AEX 526.35SPOPENG	EUR											
Warrant	NL0012064471	AEX 526.55SPOPENG	EUR											
Warrant	NL0012479802	AEX 527.25SPLOPENG	EUR											
Warrant	NL0012064752	AEX 527.55SPOPENG	EUR											
Warrant	NL0012833453	AEX 527.65SPOPENG	EUR											
Warrant	NL0012479794	AEX 528.55SPLOPENG	EUR											
Warrant	NL0012833461	AEX 528.85SPOPENG	EUR											
Warrant	NL0012479786	AEX 529.95SPLOPENG	EUR											
Warrant	NL0012833479	AEX 530.15SPOPENG	EUR											
Warrant	NL0012835557	AEX 530.85SPOPENG	EUR	0,9500	1,2800	0,9500	10368,0000	8	1,1000	8900				
Warrant	NL0012479778	AEX 531.25SPLOPENG	EUR											
Warrant	NL0012833487	AEX 531.55SPOPENG	EUR											
Warrant	NL0012832422	AEX 531.65SPOPENG	EUR											
Warrant	NL0012480479	AEX 532.65SPLOPENG	EUR											
Warrant	NL0012833495	AEX 532.65SPOPENG	EUR											
Warrant	NL0012480453	AEX 534.75SPLOPENG	EUR											
Warrant	NL0012835565	AEX 534.85SPOPENG	EUR	1,3700	1,7700	1,3700	3896,0000	7	1,4500	2500				
Warrant	NL0012830624	AEX 535.35SPLOPENG	EUR											
Warrant	NL0012480446	AEX 536.15SPLOPENG	EUR											
Warrant	NL0012832448	AEX 536.25SPOPENG	EUR	1,4400	1,8400	1,4100	16789,7500	19	1,7100	10375				
Warrant	NL0012830616	AEX 536.65SPLOPENG	EUR											
Warrant	NL0012833024	AEX 537.75SPOPENG	EUR	1,8200	1,8200	1,8200	546,0000	1	1,8200	300				
Warrant	NL0012481048	AEX 538.15SPLOPENG	EUR											
Warrant	NL0012830855	AEX 539.35SPLOPENG	EUR											
Warrant	NL0012481030	AEX 539.45SPLOPENG	EUR											
Warrant	NL0012833032	AEX 539.75SPOPENG	EUR	2,0000	2,0900	2,0000	10225,0000	2	2,0900	5000				
Warrant	NL0012830848	AEX 540.75SPLOPENG	EUR											
Warrant	NL0012818942	AEX 540.85SPLOPENG	EUR											
Warrant	NL0012832455	AEX 541.65SPOPENG	EUR	2,0200	2,0900	2,0200	4110,0000	2	2,0900	2000				
Warrant	NL0012823637	AEX 542.15SPLOPENG	EUR											
Warrant	NL0012823629	AEX 543.55SPLOPENG	EUR											
Warrant	NL0012831739	AEX 544.45SPOPENG	EUR											
Warrant	NL0012823983	AEX 544.85SPLOPENG	EUR											
Warrant	NL0012824163	AEX 546.25SPLOPENG	EUR											
Warrant	NL0012828800	AEX 546.25SPOPENG	EUR											
Warrant	NL0012828818	AEX 547.55SPOPENG	EUR											
Warrant	NL0012824551	AEX 547.65SPLOPENG	EUR											
Warrant	NL0012831747	AEX 548.55SPOPENG	EUR											
Warrant	NL0012828826	AEX 548.95SPOPENG	EUR											
Warrant	NL0012828289	AEX 550.35SPLOPENG	EUR											
Warrant	NL0012828834	AEX 550.35SPOPENG	EUR											
Warrant	NL0012824536	AEX 550.45SPLOPENG	EUR											
Warrant	NL0012828875	AEX 551.35SPOPENG	EUR	3,2100	3,2100	3,2000	25630,0000	2	3,2000	8000				
Warrant	NL0012828842	AEX 551.55SPOPENG	EUR											
Warrant	NL0012828503	AEX 551.75SPLOPENG	EUR											
Warrant	NL0012824908	AEX 551.95SPLOPENG	EUR											
Warrant	NL0012828883	AEX 552.75SPOPENG	EUR											
Warrant	NL0012828859	AEX 552.85SPOPENG	EUR											
Warrant	NL0012824890	AEX 553.35SPLOPENG	EUR											
Warrant	NL0012828867	AEX 554.15SPOPENG	EUR											
Warrant	NL0012824882	AEX 554.75SPLOPENG	EUR											
Warrant	NL0012828909	AEX 555.55SPOPENG	EUR	3,6200	3,6200	3,6200	1810,0000	1	3,6200	500				
Warrant	NL0012825285	AEX 556.15SPLOPENG	EUR											
Warrant	NL0012828917	AEX 556.95SPOPENG	EUR											
Warrant	NL0012825301	AEX 557.55SPLOPENG	EUR											
Warrant	NL0012828925	AEX 558.35SPOPENG	EUR											
Warrant	NL0012828933	AEX 559.75SPOPENG	EUR	4,0200	4,0200	4,0200	542,7000	1	4,0200	135				
Warrant	NL0012825665	AEX 560.45SPLOPENG	EUR											
Warrant	NL0012827349	AEX 561.15SPOPENG	EUR	4,3200	4,3200	4,2900	6465,0000	2	4,2900	1500				
Warrant	NL0012826473	AEX 561.85SPLOPENG	EUR											
Warrant	NL0012827356	AEX 562.55SPOPENG	EUR											
Warrant	NL0012827364	AEX 563.95SPOPENG	EUR											
Warrant	NL0012827372	AEX 565.45SPOPENG	EUR											
Warrant	NL0012827380	AEX 566.85SPOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012818918	AEX 568.2SPSOPENG	EUR											
Warrant	NL0012818926	AEX 569.7SPSOPENG	EUR											
Warrant	NL0012071948	AEX 571.2SPSOPENG	EUR	5,1000	5,1000	5,1000	5115,3000	1	5,1000		1003			
Warrant	NL0012818900	AEX 575.3SPSOPENG	EUR											
Warrant	NL0012072805	AEX 581.7SPSOPENG	EUR											
Warrant	NL0012073845	AEX 592.3SPSOPENG	EUR											
Warrant	NL0012078257	AEX 596.9SPSOPENG	EUR											
Warrant	NL0012463160	AEX 598.5SPSOPENG	EUR											
Warrant	NL0012463178	AEX 601.5SPSOPENG	EUR											
Warrant	NL0012463186	AEX 604.7SPSOPENG	EUR											
Warrant	NL0012463525	AEX 611.1SPSOPENG	EUR											
Warrant	NL0012463665	AEX 615.8SPSOPENG	EUR											
Warrant	NL0012464499	AEX 620.6SPSOPENG	EUR											
Warrant	NL0012464507	AEX 623.8SPSOPENG	EUR											
Warrant	NL0012468086	AEX 628.6SPSOPENG	EUR											
Warrant	NL0012470074	AEX 631.9SPSOPENG	EUR											
Warrant	NL0012470538	AEX 635.1SPSOPENG	EUR											
Warrant	NL0012470546	AEX 638.4SPSOPENG	EUR											
Warrant	NL0012471254	AEX 641.7SPSOPENG	EUR											
Warrant	NL0012480917	AEX 648.3SPSOPENG	EUR											
Warrant	NL0012480925	AEX 651.6SPSOPENG	EUR											
Warrant	NL0012825319	AEX 653.2SPSOPENG	EUR											
Warrant	NL0012825327	AEX 656.5SPSOPENG	EUR											
Warrant	NL0012826481	AEX 659.8SPSOPENG	EUR											
Warrant	NL0009901826	AGEAS 0.71SPLOPENG	EUR	4,3200	4,3200	4,2500			4,2500					
Warrant	NL0010206389	AGEAS 8.17SPLOPENG	EUR	3,6300	3,6300	3,5700								
Warrant	NL0010211785	AGEAS 9.51SPLOPENG	EUR	3,5400	3,5400	3,4700								
Warrant	NL0010217345	AGEAS10.94SPLOPENG	EUR	3,4100	3,4100	3,3400								
Warrant	NL0010361176	AGEAS17.63SPLOPENG	EUR	27,6300	27,6300	26,9800								
Warrant	NL0010941076	AGEAS19.36SPLOPENG	EUR	26,0500	26,0500	25,4000								
Warrant	NL0010949459	AGEAS21.22SPLOPENG	EUR	24,3600	24,3600	23,7100								
Warrant	NL0011014410	AGEAS23.21SPLOPENG	EUR	22,5500	22,5500	21,9000								
Warrant	NL0011028964	AGEAS25.34SPLOPENG	EUR	20,6100	20,6100	19,9600								
Warrant	NL0012063168	AGEAS31.95SPLOPENG	EUR	14,5900	14,5900	13,9400								
Warrant	NL0012470629	AGEAS36.89SPLOPENG	EUR	10,1000	10,1000	9,4500								
Warrant	NL0012477327	AGEAS39.61SPLOPENG	EUR	7,6200	7,6200	6,9700								
Warrant	NL0012825947	AGEAS42.32SPLOPENG	EUR											
Warrant	NL0009884725	AGFA 1SPLOPENG	EUR	2,9800	2,9800	2,9700								
Warrant	NL0009884881	AGFA 0.9SPLOPENG	EUR	3,1000	3,1000	3,0900								
Warrant	NL0010465951	AGFA 1.48SPLOPENG	EUR	2,5300	2,5300	2,5200								
Warrant	NL0010596326	AGFA 1.78SPLOPENG	EUR	2,2600	2,2600	2,2500								
Warrant	NL0011208368	AGFA 2.13SPLOPENG	EUR	1,9400	1,9400	1,9300								
Warrant	NL0011201702	AGFA 2.32SPLOPENG	EUR	1,7600	1,7600	1,7500								
Warrant	NL0011366935	AGFA 2.54SPLOPENG	EUR	1,5600	1,5600	1,5500								
Warrant	NL0012468912	AGFA 2.77SPLOPENG	EUR	1,3300	1,3300	1,3200								
Warrant	NL0012820633	AGFA 3.03SPLOPENG	EUR	1,1200	1,1200	1,1100								
Warrant	NL0012823058	AGFA 3.31SPLOPENG	EUR	0,8600	0,8600	0,8600								
Warrant	NL0012823041	AGFA 3.59SPLOPENG	EUR											
Warrant	NL0012833784	AGFA 3.61SPLOPENG	EUR	0,5900	0,5900	0,5800				0,5800				
Warrant	NL0012828743	AGFA 3.61SPLOPENG	EUR											
Warrant	NL0012826515	AGFA 3.92SPLOPENG	EUR											
Warrant	NL0012471007	AGFA 4.32SPSOPENG	EUR	1,0000	1,0000	1,0000				1,0000				
Warrant	NL0012468920	AGFA 4.86SPSOPENG	EUR	1,6000	1,6000	1,6000								
Warrant	NL0012469688	AGFA 5.39SPSOPENG	EUR	2,1800	2,1900	2,1800								
Warrant	NL0010353256	AHOLD 9SPLOPENG	EUR	14,5200	14,5200	14,4300								
Warrant	DE000CV894Y8	AHOLD 18C 1218Z	EUR	4,8300	4,8300	4,8200								
Warrant	NL0012478911	AHOLD 18SPLOPENG	EUR	6,0700	6,0700	5,9900								
Warrant	DE000CJ3N9J5	AHOLD 20C 0319Z	EUR	3,1300	3,1300	3,1100								
Warrant	DE000CV894Z5	AHOLD 20C 1218Z	EUR	2,8750	2,8750	2,8550								
Warrant	DE000CV8AMT8	AHOLD 22C 1218Z	EUR	1,0350	1,0350	1,0000								
Warrant	DE000CV8AMW2	AHOLD 25C 0319Z	EUR	0,3500	0,3500	0,3250								
Warrant	NL0006420770	AHOLD 2.4SPLOPENG	EUR	20,6200	20,6200	20,5400								
Warrant	NL0009113380	AHOLD 4.8SPLOPENG	EUR	18,3400	18,3400	18,2500								
Warrant	NL0009882711	AHOLD 6.2SPLOPENG	EUR	17,0900	17,0900	17,0000								
Warrant	NL0010084752	AHOLD 6.7SPLOPENG	EUR	16,6400	16,6400	16,5600								
Warrant	NL0010345864	AHOLD 8.1SPLOPENG	EUR	15,2900	15,2900	15,2100								
Warrant	NL0010589784	AHOLD 9.5SPLOPENG	EUR	13,3800	13,3800	13,2900								
Warrant	NL0010468195	AHOLD 9.8SPLOPENG	EUR	13,7300	13,7300	13,6500								
Warrant	NL0010940045	AHOLD 10.7SPLOPENG	EUR	12,9500	12,9500	12,8600								
Warrant	NL0010944369	AHOLD 11.6SPLOPENG	EUR	12,0900	12,0900	12,0000								
Warrant	NL0010962544	AHOLD 12.5SPLOPENG	EUR	11,1700	11,1700	11,0900								
Warrant	NL0010968699	AHOLD 13.6SPLOPENG	EUR	10,1900	10,1900	10,1000								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012080683	AHOLD 14.6SPLOPENG	EUR	9,2600	9,2600	9,1700			9,1700					
Warrant	NL0012465033	AHOLD 15.7SPLOPENG	EUR	8,2700	8,2700	8,1800			8,1800					
Warrant	NL0012474639	AHOLD 16.8SPLOPENG	EUR	7,2100	7,2100	7,1300			7,1300					
Warrant	NL0012821391	AHOLD 19.2SPLOPENG	EUR											
Warrant	NL0012833693	AHOLD 19.3SPLOPENG	EUR	4,8800	4,8800	4,8000			4,8000					
Warrant	NL0012824445	AHOLD 20.6SPLOPENG	EUR											
Warrant	NL0012828214	AHOLD 20.6SPLOPENG	EUR											
Warrant	NL0012832232	AHOLD 20.7SPLOPENG	EUR											
Warrant	NL0012835011	AHOLD 21.5SPLOPENG	EUR	1,3900	1,3900	1,3100	211,9900	2	1,3100	157				
Warrant	DE000CJ3P127	AHOLD 22.5C 0319Z	EUR	1,2700	1,2700	1,2550			1,2550					
Warrant	DE000CJ3P059	AHOLD 22.5C 0619Z	EUR	1,3100	1,3100	1,2950			1,2950					
Warrant	NL0012479729	AHOLD 22.8SPLOPENG	EUR											
Warrant	NL0012835276	AHOLD 23.1SPLOPENG	EUR											
Warrant	NL0012835284	AHOLD 25.2SPLOPENG	EUR	4,5100	4,6000	4,5100			4,6000					
Warrant	NL0010603734	AHOLD 8.91SPLOPENG	EUR	13,9900	13,9900	13,9000			13,9000					
Warrant	NL0010589776	AHOLD10.14SPLOPENG	EUR	12,7600	12,7600	12,6700			12,6700					
Warrant	NL0010940003	AHOLD10.76SPLOPENG	EUR	12,1800	12,1800	12,1000			12,1000					
Warrant	NL0010940987	AHOLD11.43SPLOPENG	EUR	11,3900	11,3900	11,3000			11,3000					
Warrant	NL0010947206	AHOLD12.12SPLOPENG	EUR	10,8000	10,8000	10,7200			10,7200					
Warrant	NL0010962684	AHOLD12.84SPLOPENG	EUR	10,0500	10,0500	9,9700			9,9700					
Warrant	NL0010967246	AHOLD13.61SPLOPENG	EUR	9,2600	9,2600	9,1700			9,1700					
Warrant	NL0012079578	AHOLD13.92SPLOPENG	EUR	8,9700	8,9700	8,8900			8,8900					
Warrant	NL0012079065	AHOLD14.32SPLOPENG	EUR	8,5800	8,5800	8,5000			8,5000					
Warrant	NL0012462899	AHOLD15.09SPLOPENG	EUR	7,7800	7,7800	7,6900			7,6900					
Warrant	NL0012464978	AHOLD15.88SPLOPENG	EUR	7,0100	7,0100	6,9300			6,9300					
Warrant	NL0012472351	AHOLD16.72SPLOPENG	EUR	6,1800	6,1800	6,0900			6,0900					
Warrant	NL0012476402	AHOLD17.61SPLOPENG	EUR	5,3000	5,3000	5,2100			5,2100					
Warrant	NL0012478721	AHOLD18.52SPLOPENG	EUR	4,3800	4,3800	4,2900			4,2900					
Warrant	NL0012820930	AHOLD19.39SPLOPENG	EUR											
Warrant	NL0012833164	AHOLD19.46SPLOPENG	EUR	3,4400	3,4400	3,3500			3,3500					
Warrant	NL0012823991	AHOLD20.33SPLOPENG	EUR											
Warrant	NL0012827703	AHOLD20.37SPLOPENG	EUR											
Warrant	NL0012834899	AHOLD20.45SPLOPENG	EUR	2,4400	2,4400	2,3600			2,3600					
Warrant	NL0012830012	AHOLD20.86SPLOPENG	EUR											
Warrant	NL0011850409	AHOLD22.44SPLOPENG	EUR											
Warrant	NL0012835441	AHOLD22.58SPLOPENG	EUR											
Warrant	NL0012824718	AHOLD23.98SPLOPENG	EUR	1,3200	1,4100	1,3200			1,4100					
Warrant	NL0012835516	AHOLD25.64SPLOPENG	EUR	2,9900	3,0800	2,9900			3,0800					
Warrant	DE000CJ3PJ51	AIRFR 8C 0619Z	EUR	2,5000	2,5000	2,2750			2,2750					
Warrant	DE000CV8AMD2	AIRFR 9C 0319Z	EUR	1,6100	1,6100	1,4050			1,4050					
Warrant	DE000CJ3PJ79	AIRFR 9C 0619Z	EUR	1,8350	1,8350	1,6450			1,6450					
Warrant	NL0012480073	AIRFR 9SPLOPENG	EUR											
Warrant	DE000CV8APU9	AIRFR 10C 0319Z	EUR	0,9850	0,9850	0,8300			0,8300					
Warrant	DE000CJ3QD89	AIRFR 11C 0319Z	EUR	0,5600	0,5600	0,4500			0,4500					
Warrant	NL0012470991	AIRFR 13SPLOPENG	EUR	4,4800	4,7100	4,4800			4,7100					
Warrant	NL0009885516	AIRFR 3.2SPLOPENG	EUR	7,2600	7,2600	7,0300			7,0300					
Warrant	NL0010104337	AIRFR 3.7SPLOPENG	EUR	6,8000	6,8000	6,5600			6,5600					
Warrant	NL0010207023	AIRFR 4.7SPLOPENG	EUR	5,9000	5,9000	5,6700			5,6700					
Warrant	DE000CV89556	AIRFR 7.5C 1218Z	EUR	2,6850	2,6850	2,4100			2,4100					
Warrant	NL0012819999	AIRFR 8.1SPLOPENG	EUR											
Warrant	DE000CJ3N898	AIRFR 8.2C 0319Z	EUR	2,2200	2,2200	1,9850			1,9850					
Warrant	DE000CV8AMB6	AIRFR 8.5C 1218Z	EUR	1,7350	1,7350	1,4750			1,4750					
Warrant	NL0010955654	AIRFR 8.5SPLOPENG	EUR											
Warrant	NL0012829485	AIRFR 8.9SPLOPENG	EUR											
Warrant	NL0012832364	AIRFR 8.9SPLOPENG	EUR											
Warrant	NL0012835425	AIRFR 9.1SPLOPENG	EUR	1,8500	1,8500	1,6200			1,6200					
Warrant	NL0012477913	AIRFR 9.3SPLOPENG	EUR											
Warrant	DE000CV8AMC4	AIRFR 9.5C 1218Z	EUR	0,8700	0,8700	0,6750			0,6750					
Warrant	NL0012477368	AIRFR 9.8SPLOPENG	EUR											
Warrant	DE000CJ3P034	AIRFR 10.5C 0619Z	EUR	1,0300	1,0300	0,8900			0,8900					
Warrant	DE000CV8B227	AIRFR 10.5C 1218Z	EUR	0,3000	0,3000	0,2050			0,2050					
Warrant	NL0012476295	AIRFR 10.8SPLOPENG	EUR	1,9800	2,2100	1,9800			2,2100					
Warrant	NL0012474779	AIRFR 11.8SPLOPENG	EUR	3,1700	3,3900	3,1700			3,3900					
Warrant	NL0011855051	AIRFR 4.24SPLOPENG	EUR	5,9500	5,9500	5,7200			5,7200					
Warrant	NL0011852769	AIRFR 4.45SPLOPENG	EUR	5,7400	5,7400	5,5000			5,5000					
Warrant	NL0011850557	AIRFR 4.66SPLOPENG	EUR	5,5300	5,5300	5,2900			5,2900					
Warrant	NL0011857552	AIRFR 4.89SPLOPENG	EUR	5,2900	5,2900	5,0500			5,0500					
Warrant	NL0012065965	AIRFR 5.14SPLOPENG	EUR	5,0400	5,0400	4,8000			4,8000					
Warrant	NL0012066195	AIRFR 5.98SPLOPENG	EUR	4,2000	4,2000	3,9700			3,9700					
Warrant	NL0012066799	AIRFR 6.29SPLOPENG	EUR	3,8900	3,8900	3,6500	552,0000	1	3,6500	150				
Warrant	NL0012067409	AIRFR 6.62SPLOPENG	EUR	3,5500	3,5500	3,3100			3,3100					
Warrant	NL0012823777	AIRFR 6.96SPLOPENG	EUR	3,2200	3,2200	2,9900			2,9900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012826259	AIRFR 7.31SPLOPENG	EUR	2,8700	2,8700	2,6300			2,6300					
Warrant	NL0012826382	AIRFR 7.69SPLOPENG	EUR	2,4800	2,4800	2,2400			2,2400					
Warrant	NL0012818645	AIRFR 8.02SPSOPENG	EUR											
Warrant	NL0012826374	AIRFR 8.06SPLOPENG	EUR											
Warrant	NL0012833206	AIRFR 8.07SPLOPENG	EUR											
Warrant	NL0012829261	AIRFR 8.08SPLOPENG	EUR											
Warrant	NL0012835060	AIRFR 8.09SPLOPENG	EUR	2,0900	2,0900	1,8500			1,8500					
Warrant	NL0010955191	AIRFR 8.47SPSOPENG	EUR											
Warrant	NL0012827430	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012826366	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012830111	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831267	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831879	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012833925	AIRFR 8.61SPSOPENG	EUR											
Warrant	NL0012832117	AIRFR 8.61SPSOPENG	EUR											
Warrant	NL0010753190	AIRFR 8.86SPSOPENG	EUR											
Warrant	NL0012827745	AIRFR 8.92SPLOPENG	EUR											
Warrant	NL0012835052	AIRFR 8.93SPLOPENG	EUR	1,2500	1,2500	1,0100			1,0100					
Warrant	NL0012829279	AIRFR 9.26SPSOPENG	EUR											
Warrant	NL0012836340	AIRFR 9.38SPLOPENG	EUR	0,8000	0,8000	0,5600			0,5600					
Warrant	NL0012835219	AIRFR 9.39SPLOPENG	EUR											
Warrant	NL0012835532	AIRFR 9.96SPSOPENG	EUR											
Warrant	NL001247517	AIRFR 9.97SPSOPENG	EUR											
Warrant	NL0012474548	AIRFR10.73SPSOPENG	EUR	0,8000	1,0200	0,8000			1,0200					
Warrant	NL0012473078	AIRFR11.54SPSOPENG	EUR	1,6100	1,8400	1,6100			1,8400					
Warrant	NL0012472393	AIRFR12.42SPSOPENG	EUR	2,4900	2,7200	2,4900			2,7200					
Warrant	NL0012469423	AIRFR13.37SPSOPENG	EUR	3,4400	3,6600	3,4400			3,6600					
Warrant	NL0012078448	AIRFR14.38SPSOPENG	EUR	4,4500	4,6700	4,4500			4,6700					
Warrant	NL0009879162	AKZO 75PLOPENG	EUR	66,0700	66,4700	66,0700			66,4700					
Warrant	NL0011624648	AKZO 44SPLOPENG	EUR	31,5500	31,9500	31,5500			31,9500					
Warrant	NL0010085577	AKZO 23.45PLOPENG	EUR	50,7700	51,1700	50,7700			51,1700					
Warrant	NL0010216354	AKZO 30.55PLOPENG	EUR	44,1900	44,5900	44,1900			44,5900					
Warrant	NL0010528501	AKZO 33.65PLOPENG	EUR	41,2600	41,6600	41,2600			41,6600					
Warrant	NL0010939047	AKZO 40.45PLOPENG	EUR	34,8800	35,2800	34,8800			35,2800					
Warrant	NL0011854823	AKZO 47.85PLOPENG	EUR	28,0700	28,4700	28,0700			28,4700					
Warrant	NL0012067979	AKZO 60.55PLOPENG	EUR	16,2000	16,6000	16,2000			16,6000					
Warrant	NL0012467773	AKZO 69.65PLOPENG	EUR	7,7500	8,1500	7,7500			8,1500					
Warrant	NL0012078307	AKZO 69.85PLOPENG	EUR	2,9500	3,3500	2,9500			3,3500					
Warrant	NL0012825202	AKZO 74.85PLOPENG	EUR											
Warrant	NL0012476709	AKZO 83.55SPSOPENG	EUR	17,7700	17,7700	17,3100			17,3100					
Warrant	NL0010939609	AKZO 41.18SPLOPENG	EUR	31,5600	31,9600	31,5600			31,9600					
Warrant	NL0011620729	AKZO 43.75SPLOPENG	EUR	28,9900	29,3900	28,9900			29,3900					
Warrant	NL0011845540	AKZO 46.38SPLOPENG	EUR	26,3600	26,7600	26,3600			26,7600					
Warrant	NL0011850417	AKZO 49.14SPLOPENG	EUR	23,5900	23,9900	23,5900			23,9900					
Warrant	NL0012064067	AKZO 52.03SPLOPENG	EUR	20,7000	21,1000	20,7000			21,1000					
Warrant	NL0012067367	AKZO 55.04SPLOPENG	EUR	17,6700	18,0700	17,6700			18,0700					
Warrant	NL0012069538	AKZO 58.22SPLOPENG	EUR	14,4900	14,8900	14,4900			14,8900					
Warrant	NL0012071047	AKZO 62.65SPLOPENG	EUR	10,0700	10,4700	10,0700			10,4700					
Warrant	NL0012077549	AKZO 66.14SPLOPENG	EUR	6,6000	7,0000	6,6000			7,0000					
Warrant	NL0012824726	AKZO 73.55SPLOPENG	EUR											
Warrant	NL0012835938	AKZO 75.73SPSOPENG	EUR	3,5300	3,5300	3,0700			3,0700					
Warrant	NL0012825731	AKZO 77.19SPLOPENG	EUR											
Warrant	NL0012835946	AKZO 81.43SPSOPENG	EUR	9,2400	9,2400	8,7800			8,7800					
Warrant	NL0012068837	AKZO 82.57SPSOPENG	EUR											
Warrant	NL0012829055	AKZO 87.58SPSOPENG	EUR	15,3800	15,3800	14,9200			14,9200					
Warrant	NL0010740171	ALPHA 472SPLOPENG	EUR	55,1400	55,1400	55,1400			55,1400					
Warrant	NL0010693289	ALPHA 508SPLOPENG	EUR	52,2200	52,2200	52,2200			52,2200					
Warrant	NL0010693305	ALPHA 543SPLOPENG	EUR	49,3100	49,3100	49,3100			49,3100					
Warrant	NL0011301734	ALPHA 581SPLOPENG	EUR	46,1900	46,1900	46,1900			46,1900					
Warrant	NL0011474739	ALPHA 665SPLOPENG	EUR	39,3000	39,3000	39,3000			39,3000					
Warrant	NL0010739884	ALPHA485.75PLOPENG	EUR	51,4900	51,4900	51,4900			51,4900					
Warrant	NL0010693339	ALPHA511.45PLOPENG	EUR	49,2300	49,2300	49,2300			49,2300					
Warrant	NL0011019039	ALPHA563.95PLOPENG	EUR	44,5900	44,5900	44,5900			44,5900					
Warrant	NL0011303540	ALPHA592.15PLOPENG	EUR	42,1100	42,1100	42,1100			42,1100					
Warrant	NL0011477195	ALPHA652.95PLOPENG	EUR	36,7600	36,7600	36,7600			36,7600					
Warrant	NL0011633052	ALPHA696.45PLOPENG	EUR											
Warrant	NL0011845565	ALPHA719.85PLOPENG	EUR	30,8600	30,8600	30,8600			30,8600					
Warrant	NL0011850094	ALPHA755.85PLOPENG	EUR	27,6800	27,6800	27,6800			27,6800					
Warrant	DE000CJ3N9N7	ALPHC 1200C 0319Z	EUR	0,1450	0,1750	0,1450			0,1750					
Warrant	DE000CJ3N9M9	ALPHC 1200C 1218Z	EUR	0,0150	0,0170	0,0150			0,0170					
Warrant	DE000CJ3N9P2	ALPHC 1250C 0319Z	EUR	0,0810	0,0970	0,0810			0,0970					
Warrant	DE000CV8AJT4	ALPHC 1400C 0319Z	EUR	0,0190	0,0200	0,0190			0,0200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012466379	ALTIA 1.35PLOPENG	EUR	2,3400	2,8600	2,3400			2,8600					
Warrant	NL0012820450	ALTIA 2.35PLOPENG	EUR											
Warrant	NL0012828206	ALTIA 2.55PLOPENG	EUR											
Warrant	NL0012466700	ALTIA 1.065PLOPENG	EUR	3,7700	4,2900	3,7700			4,2900					
Warrant	NL0012466486	ALTIA 1.215PLOPENG	EUR	2,7500	3,2800	2,7500			3,2800					
Warrant	NL0012467211	ALTIA 1.315PLOPENG	EUR	2,6900	3,2100	2,6900			3,2100					
Warrant	NL0012820419	ALTIA 1.585PLOPENG	EUR											
Warrant	NL0012820369	ALTIA 1.725PLOPENG	EUR											
Warrant	NL0012820377	ALTIA 1.875PLOPENG	EUR											
Warrant	NL0012820401	ALTIA 1.995PLOPENG	EUR											
Warrant	NL0012820476	ALTIA 2.025PLOPENG	EUR											
Warrant	NL0012831234	ALTIA 2.125PLOPENG	EUR											
Warrant	NL0012820393	ALTIA 2.135PLOPENG	EUR											
Warrant	NL0012820468	ALTIA 2.165PLOPENG	EUR											
Warrant	NL0012831275	ALTIA 2.195PLOPENG	EUR											
Warrant	NL0012827257	ALTIA 2.285PLOPENG	EUR											
Warrant	NL0012831606	ALTIA 2.285PLOPENG	EUR											
Warrant	NL0012832760	ALTIA 2.285PLOPENG	EUR											
Warrant	NL0012828164	ALTIA 2.325PLOPENG	EUR											
Warrant	NL0012826416	ALTIA 2.325PLOPENG	EUR											
Warrant	NL0012831390	ALTIA 2.365PLOPENG	EUR											
Warrant	NL0012820385	ALTIA 2.445PLOPENG	EUR											
Warrant	NL0012827992	ALTIA 2.465PLOPENG	EUR											
Warrant	NL0012820443	ALTIA 2.485PLOPENG	EUR											
Warrant	NL0012829824	ALTIA 2.615PLOPENG	EUR	1,0400	1,0400	0,9200			0,9200					
Warrant	NL0012828248	ALTIA 2.625PLOPENG	EUR											
Warrant	NL0012820666	ALTIA 2.625PLOPENG	EUR											
Warrant	NL0012835797	ALTIA 2.645PLOPENG	EUR	1,2300	1,2300	1,1100			1,1100					
Warrant	NL0012820435	ALTIA 2.655PLOPENG	EUR											
Warrant	NL0012827448	ALTIA 3.085PLOPENG	EUR	1,5100	1,5100	1,3900			1,3900					
Warrant	NL0012831614	ALTIA 3.115PLOPENG	EUR	1,7500	1,7500	1,6300			1,6300					
Warrant	NL0012824254	ALTIA 3.635PLOPENG	EUR	2,0600	2,0600	1,9400			1,9400					
Warrant	NL0012821078	ALTIA 3.675PLOPENG	EUR	2,3600	2,3600	2,2500			2,2500					
Warrant	NL0012823108	ALTIA 4.215PLOPENG	EUR	2,9600	2,9600	2,8500			2,8500					
Warrant	NL0010532727	AMAZO 2675PLOPENG	EUR	122,9500	122,9500	122,9500			122,9500					
Warrant	NL0010528014	AMAZO 2875PLOPENG	EUR	121,3000	121,3000	121,3000			121,3000					
Warrant	NL0010528006	AMAZO 3095PLOPENG	EUR	119,5000	119,5000	119,5000			119,5000					
Warrant	NL0011631486	AMAZO 6505PLOPENG	EUR	91,4800	91,4800	91,4800			91,4800					
Warrant	NL0011632245	AMAZO 6955PLOPENG	EUR	87,7400	87,7400	87,7400			87,7400					
Warrant	NL0011848726	AMAZO 7445PLOPENG	EUR	83,7400	83,7400	83,7400			83,7400					
Warrant	DE000CV506Q4	AMAZO 1400C 0319Z	EUR	11,7000	13,0400	11,7000			13,0400					
Warrant	DE000CV506N1	AMAZO 1450C 0619Z	EUR	11,9800	13,1700	11,9800			13,1700					
Warrant	DE000CV506R2	AMAZO 1550C 0319Z	EUR	7,2700	8,3700	7,2700			8,3700					
Warrant	DE000CV506P6	AMAZO 1550C 0619Z	EUR	9,3450	10,4100	9,3450			10,4100					
Warrant	DE000CV8AJV0	AMAZO 1800C 1218Z	EUR	0,0710	0,0950	0,0710			0,0950					
Warrant	DE000CJ3N9Q0	AMAZO 1900C 0319Z	EUR	0,3450	0,4150	0,3450			0,4150					
Warrant	DE000CV8AJW8	AMAZO 2000C 1218Z	EUR	0,0250	0,0250	0,0250			0,0250					
Warrant	DE000CV8AJX6	AMAZO 2050C 0319Z	EUR	0,1750	0,2050	0,1750			0,2050					
Warrant	DE000CV89572	AMG 45C 1218Z	EUR	0,0730	0,0730	0,0730			0,0730					
Warrant	DE000CV89580	AMG 50C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	NL0012830939	AMG 33.25PLOPENG	EUR	6,9500	7,9500	6,9500			7,9500					
Warrant	NL0012832778	AMG 35.75PLOPENG	EUR	4,6300	5,6300	4,6300			5,6300					
Warrant	NL0012830921	AMG 35.95PLOPENG	EUR											
Warrant	NL0012833016	AMG 38.45PLOPENG	EUR											
Warrant	NL0012834634	AMG 38.45PLOPENG	EUR											
Warrant	NL0012834626	AMG 41.35PLOPENG	EUR											
Warrant	NL0012830947	AMG 44.35PLOPENG	EUR											
Warrant	NL0009107564	AMX 2395PLOPENG	EUR	47,8500	47,8500	47,3800			47,3800					
Warrant	NL0009111566	AMX 2815PLOPENG	EUR	43,9200	43,9200	43,4500			43,4500					
Warrant	NL0009112648	AMX 3225PLOPENG	EUR	39,9600	39,9600	39,4900			39,4900					
Warrant	NL0009905470	AMX 3925PLOPENG	EUR	33,3100	33,3100	32,8500			32,8500					
Warrant	NL0010204996	AMX 4435PLOPENG	EUR	28,4700	28,4700	28,0100			28,0100					
Warrant	NL0010362885	AMX 4705PLOPENG	EUR	25,9200	25,9200	25,4500			25,4500					
Warrant	NL0010829644	AMX 4975PLOPENG	EUR	23,3500	23,3500	22,8900			22,8900					
Warrant	NL0010830840	AMX 5255PLOPENG	EUR	20,6600	20,6600	20,2000			20,2000					
Warrant	NL0011848080	AMX 5835PLOPENG	EUR	15,1000	15,1000	14,6400			14,6400					
Warrant	NL0011861836	AMX 6145PLOPENG	EUR	12,1400	12,1400	11,6800			11,6800					
Warrant	NL0012063564	AMX 6475PLOPENG	EUR	9,0300	9,0300	8,5700			8,5700					
Warrant	NL0012065833	AMX 6815PLOPENG	EUR	5,7700	5,7700	5,3100			5,3100					
Warrant	NL0012835698	AMX 7155PLOPENG	EUR	4,8700	5,3300	4,8700			5,3300					
Warrant	NL0012070684	AMX 7165PLOPENG	EUR											
Warrant	NL0012820336	AMX 7525PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012074827	AMX 836SPSOPENG	EUR	17,3900	17,8500	17,3900			17,8500					
Warrant	NL0012470405	AMX 878SPSOPENG	EUR	21,8500	22,3100	21,8500			22,3100					
Warrant	NL0009239797	APPLE 21SPLOPENG	EUR	98,4300	98,4300	98,4300			98,4300					
Warrant	NL0010540159	APPLE 66SPLOPENG	EUR	72,6000	72,6000	72,6000			72,6000					
Warrant	NL0010739736	APPLE 78SPLOPENG	EUR	65,6500	65,6500	65,6500			65,6500					
Warrant	DE000CV896V9	APPLE 180C 1218Z	EUR	0,1750	0,2350	0,1750			0,2350					
Warrant	DE000CV896W7	APPLE 200C 1218Z	EUR	0,0200	0,0220	0,0200			0,0220					
Warrant	DE000CV8AJY4	APPLE 220C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	DE000CJ3N9R8	APPLE 230C 0319Z	EUR	0,0310	0,0370	0,0310			0,0370					
Warrant	DE000CJ3PJN2	APPLE 240C 0619Z	EUR	0,0660	0,0760	0,0660			0,0760					
Warrant	DE000CV8B185	APPLE 240C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	DE000CV8B193	APPLE 250C 0319Z	EUR	0,0180	0,0180	0,0180			0,0180					
Warrant	NL0009233741	APPLE 17.8SPLOPENG	EUR	100,2500	100,2500	100,2500			100,2500					
Warrant	NL0009365949	APPLE 24.7SPLOPENG	EUR	96,3000	96,3000	96,3000			96,3000					
Warrant	NL0009370949	APPLE 28.7SPLOPENG	EUR	94,0100	94,0100	94,0100			94,0100					
Warrant	NL0009373935	APPLE 37.9SPLOPENG	EUR	88,7100	88,7100	88,7100			88,7100					
Warrant	NL0009760503	APPLE 41.9SPLOPENG	EUR	86,4000	86,4000	86,4000			86,4000					
Warrant	NL0009881911	APPLE 47.5SPLOPENG	EUR	83,2000	83,2000	83,2000			83,2000					
Warrant	NL0010530234	APPLE 60.9SPLOPENG	EUR	75,4900	75,4900	75,4900			75,4900					
Warrant	NL0010677696	APPLE 69.8SPLOPENG	EUR	70,3800	70,3800	70,3800			70,3800					
Warrant	NL0010740148	APPLE 82.5SPLOPENG	EUR	63,1000	63,1000	63,1000			63,1000					
Warrant	NL0011850854	APPLE101.7SPLOPENG	EUR	74,4200	74,4200	74,4200			74,4200					
Warrant	NL0011854252	APPLE106.1SPLOPENG	EUR	64,6000	64,6000	64,6000			64,6000					
Warrant	NL0010359477	APPLE48.91SPLOPENG	EUR	80,3200	80,3200	80,3200			80,3200					
Warrant	NL0010528774	APPLE58.59SPLOPENG	EUR	74,5000	74,5000	74,5000			74,5000					
Warrant	NL0010540225	APPLE65.27SPLOPENG	EUR	70,3800	70,3800	70,3800			70,3800					
Warrant	NL0010739819	APPLE77.17SPLOPENG	EUR	63,0400	63,0400	63,0400			63,0400					
Warrant	NL0010744124	APPLE86.08SPLOPENG	EUR	57,4100	57,4100	57,4100			57,4100					
Warrant	NL0010751053	APPLE90.86SPLOPENG	EUR	77,8800	77,8800	77,8800			77,8800					
Warrant	NL0010536900	APRAM 8SPLOPENG	EUR	18,6000	19,0200	18,6000			19,0200					
Warrant	NL0009879204	APRAM 3.9SPLOPENG	EUR	22,3200	22,7400	22,3200			22,7400					
Warrant	NL0010678835	APRAM 11.8SPLOPENG	EUR	15,1200	15,5400	15,1200			15,5400					
Warrant	NL0010683884	APRAM 12.9SPLOPENG	EUR	14,0900	14,5100	14,0900			14,5100					
Warrant	NL0010939799	APRAM 18.3SPLOPENG	EUR	9,2300	9,6500	9,2300			9,6500					
Warrant	NL0011374434	APRAM 21.6SPLOPENG	EUR	6,2500	6,6700	6,2500			6,6700					
Warrant	NL0011619762	APRAM 23.4SPLOPENG	EUR	4,6000	5,0200	4,6000			5,0200					
Warrant	NL0011848676	APRAM 29.8SPLOPENG	EUR											
Warrant	NL0012836001	APRAM 31.7SPSOPENG	EUR	6,2800	6,2800	5,7700			5,7700					
Warrant	NL0011855366	APRAM 34.5SPLOPENG	EUR											
Warrant	NL0012831986	APRAM 36.9SPLOPENG	EUR											
Warrant	NL0012826010	APRAM 36.9SPLOPENG	EUR											
Warrant	NL0012066591	APRAM 49.3SPSOPENG	EUR	23,8500	23,8500	23,3400			23,3400					
Warrant	NL0010824942	APRAM14.82SPLOPENG	EUR	11,1700	11,5900	11,1700			11,5900					
Warrant	NL0010939385	APRAM17.86SPLOPENG	EUR	8,1400	8,5600	8,1400			8,5600					
Warrant	NL0011373766	APRAM20.11SPLOPENG	EUR	5,9000	6,3200	5,9000			6,3200					
Warrant	NL0011374756	APRAM22.58SPLOPENG	EUR	3,4200	4,0300	3,4200	403,0000	1	3,8400	100				
Warrant	NL0011620059	APRAM23.91SPLOPENG	EUR	2,0900	2,5100	2,0900			2,5100					
Warrant	NL0011845250	APRAM27.03SPLOPENG	EUR											
Warrant	NL0012834493	APRAM28.39SPLOPENG	EUR											
Warrant	NL0011848007	APRAM28.51SPLOPENG	EUR											
Warrant	NL0012835995	APRAM29.47SPSOPENG	EUR	4,0500	4,0500	3,5400			3,5400					
Warrant	NL0011849716	APRAM31.74SPLOPENG	EUR											
Warrant	NL0011850110	APRAM33.48SPLOPENG	EUR											
Warrant	NL0012823330	APRAM35.19SPLOPENG	EUR											
Warrant	NL0012825046	APRAM36.91SPLOPENG	EUR											
Warrant	NL0012830129	APRAM36.94SPLOPENG	EUR											
Warrant	NL0012826390	APRAM38.75SPLOPENG	EUR											
Warrant	NL0012828149	APRAM38.76SPLOPENG	EUR											
Warrant	NL0012830764	APRAM38.79SPLOPENG	EUR											
Warrant	NL0012823348	APRAM40.54SPSOPENG	EUR											
Warrant	NL0012479976	APRAM42.42SPSOPENG	EUR	16,9900	16,9900	16,4800			16,4800					
Warrant	NL0012475693	APRAM45.72SPSOPENG	EUR	20,2900	20,2900	19,7800			19,7800					
Warrant	NL0012065791	APRAM53.39SPSOPENG	EUR	27,9700	27,9700	27,4600			27,4600					
Warrant	NL0011616057	ARCAD 21SPSOPENG	EUR	12,1300	12,3300	12,1300			12,3300					
Warrant	NL0011616719	ARCAD 8.9SPLOPENG	EUR	3,3300	3,3300	3,1000			3,1000					
Warrant	NL0011859491	ARCAD 9.6SPLOPENG	EUR	2,7100	2,7100	2,4800			2,4800					
Warrant	NL0012835821	ARCAD 10.2SPLOPENG	EUR	2,1500	2,1500	1,9200			1,9200					
Warrant	NL0012067177	ARCAD 11.1SPLOPENG	EUR											
Warrant	NL0012068175	ARCAD 11.9SPLOPENG	EUR											
Warrant	NL0012069009	ARCAD 12.8SPLOPENG	EUR											
Warrant	NL0012073019	ARCAD 13.8SPLOPENG	EUR											
Warrant	NL0012835839	ARCAD 14.4SPSOPENG	EUR	4,8100	5,0100	4,8100			5,0100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012826028	ARCAD 14.7SPLOPENG	EUR											
Warrant	NL0012828008	ARCAD 17.4SPSOPENG	EUR	8,1000	8,3000	8,1000			8,3000					
Warrant	NL0011479399	ARCAD 23.3SPSOPENG	EUR	14,5900	14,7900	14,5900			14,7900					
Warrant	NL0011625520	ARCMi 18SPLOPENG	EUR	3,3600	3,3700	3,3600			3,3700					
Warrant	NL0012466239	ARCMi 23SPLOPENG	EUR											
Warrant	DE000CV89648	ARCMi 24C 1218Z	EUR											
Warrant	DE000CV88037	ARCMi 25C 0319Z	EUR											
Warrant	DE000CV89655	ARCMi 27C 1218Z	EUR											
Warrant	DE000CV8AME0	ARCMi 30C 0319Z	EUR											
Warrant	NL0011623178	ARCMi 16.5PLOPENG	EUR	4,0100	4,1400	3,9300	2077,6100	6	4,0200	513				
Warrant	NL0012071302	ARCMi 6.9SPLOPENG	EUR											
Warrant	NL0012066211	ARCMi 8.4SPLOPENG	EUR											
Warrant	NL0011484738	ARCMi 15.1SPLOPENG	EUR	4,8400	4,8500	4,8400			4,8500					
Warrant	NL0011620075	ARCMi 16.1SPLOPENG	EUR	5,1300	5,1400	5,1300			5,1400					
Warrant	NL0011491105	ARCMi 16.2SPLOPENG	EUR	5,0300	5,0400	5,0300			5,0400					
Warrant	NL0011618830	ARCMi 16.5SPLOPENG	EUR	4,7800	4,7900	4,7800			4,7900					
Warrant	NL0011620299	ARCMi 16.8SPLOPENG	EUR	4,5200	4,5300	4,5200			4,5300					
Warrant	NL0011622873	ARCMi 17.1SPLOPENG	EUR	4,2200	4,2300	4,2200			4,2300					
Warrant	NL0011623483	ARCMi 17.6SPLOPENG	EUR	3,7200	3,7300	3,7200			3,7300					
Warrant	NL0012075402	ARCMi 18.9SPLOPENG	EUR	2,5300	2,5400	2,5300			2,5400					
Warrant	NL0012076202	ARCMi 19.9SPLOPENG	EUR											
Warrant	NL0012835391	ARCMi 20.9SPLOPENG	EUR											
Warrant	NL0012076194	ARCMi 20.9SPLOPENG	EUR											
Warrant	NL0012076095	ARCMi 21.2SPLOPENG	EUR											
Warrant	NL0012462659	ARCMi 21.9SPLOPENG	EUR											
Warrant	DE000CJ3QD97	ARCMi 22.5C 0319Z	EUR											
Warrant	NL0012463103	ARCMi 22.9SPLOPENG	EUR											
Warrant	NL0012833701	ARCMi 23.4SPSOPENG	EUR											
Warrant	NL0012822951	ARCMi 24.1SPLOPENG	EUR											
Warrant	NL0012829311	ARCMi 24.2SPLOPENG	EUR											
Warrant	NL0012835706	ARCMi 25.1SPSOPENG	EUR	8,3100	8,3100	8,2900			8,2900					
Warrant	NL0012832240	ARCMi 25.2SPSOPENG	EUR											
Warrant	NL0012825418	ARCMi 25.3SPLOPENG	EUR											
Warrant	NL0012831093	ARCMi 25.4SPLOPENG	EUR											
Warrant	NL0012827604	ARCMi 25.4SPLOPENG	EUR											
Warrant	NL0012825566	ARCMi 25.7SPLOPENG	EUR											
Warrant	NL0012825426	ARCMi 29.1SPSOPENG	EUR	12,6800	12,6800	12,6700			12,6700					
Warrant	NL0012469597	ARCMi 31.3SPSOPENG	EUR	15,1200	15,1200	15,1100			15,1100					
Warrant	NL0011618707	ARCMi14.84SPLOPENG	EUR	5,1100	5,1200	5,1100			5,1200					
Warrant	NL0011491048	ARCMi14.97SPLOPENG	EUR	4,9900	5,0000	4,9900			5,0000					
Warrant	NL0011618699	ARCMi15.23SPLOPENG	EUR	4,7300	4,7400	4,7300			4,7400					
Warrant	NL0011619952	ARCMi15.37SPLOPENG	EUR	4,6200	4,6300	4,6200			4,6300					
Warrant	NL0011620356	ARCMi15.51SPLOPENG	EUR	4,4700	4,4800	4,4700			4,4800					
Warrant	NL0011620745	ARCMi15.67SPLOPENG	EUR	4,3000	4,3500	4,3000	3045,0000	1	4,3100	700				
Warrant	NL0011623038	ARCMi15.83SPLOPENG	EUR	4,1800	4,1900	4,1800			4,1900					
Warrant	NL0011623160	ARCMi16.17SPLOPENG	EUR	3,8300	3,8400	3,8300			3,8400					
Warrant	NL0011624895	ARCMi16.28SPLOPENG	EUR	3,8000	3,8100	3,8000			3,8100					
Warrant	NL0011623640	ARCMi16.36SPLOPENG	EUR	3,6400	3,6500	3,6400			3,6500					
Warrant	NL0011625546	ARCMi17.07SPLOPENG	EUR	2,9300	2,9400	2,9300			2,9400					
Warrant	NL0011626627	ARCMi17.25SPLOPENG	EUR	2,7600	2,7700	2,7600			2,7700					
Warrant	NL0011626619	ARCMi17.44SPLOPENG	EUR	2,5500	2,7000	2,4900	18040,0000	7	2,5600	7000				
Warrant	NL0011845169	ARCMi17.63SPLOPENG	EUR	2,3800	2,4400	2,3800	1215,0000	2	2,3900	500				
Warrant	NL0011847553	ARCMi17.83SPLOPENG	EUR	2,1700	2,1800	2,1700			2,1800					
Warrant	NL0011847546	ARCMi18.05SPLOPENG	EUR	1,9000	1,9100	1,9000			1,9100					
Warrant	NL0012074678	ARCMi18.95SPLOPENG	EUR	1,0000	1,1000	1,0000	110,0000	1	1,0100	100				
Warrant	NL0012074926	ARCMi19.25SPLOPENG	EUR	0,7000	0,7000	0,7000			0,7000					
Warrant	NL0012075170	ARCMi20.22SPLOPENG	EUR											
Warrant	NL0012834279	ARCMi20.82SPLOPENG	EUR											
Warrant	NL0012834410	ARCMi21.44SPLOPENG	EUR											
Warrant	NL0012835458	ARCMi21.45SPLOPENG	EUR											
Warrant	NL0012834907	ARCMi22.08SPLOPENG	EUR											
Warrant	NL0012462741	ARCMi22.27SPLOPENG	EUR											
Warrant	DE000CJ3P625	ARCMi22.75C 0619Z	EUR											
Warrant	NL0012835029	ARCMi23.39SPSOPENG	EUR	3,9900	3,9900	3,9700			3,9700					
Warrant	NL0012833800	ARCMi23.43SPSOPENG	EUR											
Warrant	NL0012466346	ARCMi23.59SPLOPENG	EUR											
Warrant	NL0012823249	ARCMi24.25SPLOPENG	EUR											
Warrant	NL0012829766	ARCMi24.28SPLOPENG	EUR											
Warrant	NL0012832802	ARCMi24.29SPLOPENG	EUR											
Warrant	NL0012825335	ARCMi24.95SPLOPENG	EUR											
Warrant	NL0012827711	ARCMi24.97SPLOPENG	EUR											
Warrant	NL0012830046	ARCMi25.01SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012833818	ARCM125.15SPSOPENG	EUR	5,7500	5,7500	5,7300			5,7300					
Warrant	NL0012828396	ARCM125.725PLOPENG	EUR											
Warrant	NL0012830038	ARCM125.765PLOPENG	EUR											
Warrant	NL0012825749	ARCM126.465PLOPENG	EUR											
Warrant	NL0012831358	ARCM126.535PLOPENG	EUR											
Warrant	NL0012830475	ARCM126.535PLOPENG	EUR											
Warrant	NL0012831788	ARCM127.05SPSOPENG	EUR	7,6400	7,6400	7,6300			7,6300					
Warrant	NL0012829063	ARCM127.175PSPSOPENG	EUR											
Warrant	NL0012826291	ARCM127.25SPLOPENG	EUR											
Warrant	NL0012830715	ARCM127.315PLOPENG	EUR											
Warrant	NL0012830806	ARCM127.325PLOPENG	EUR											
Warrant	NL0012826879	ARCM129.08SPSOPENG	EUR	9,6800	9,6800	9,6600			9,6600					
Warrant	NL0011618715	ARCM13.4465SPSOPENG	EUR											
Warrant	NL0012468250	ARCM131.275PSPSOPENG	EUR	11,8700	11,8700	11,8500			11,8500					
Warrant	NL0012468425	ARCM133.475PSPSOPENG	EUR	14,0600	14,0600	14,0500			14,0500					
Warrant	NL0012469340	ARCM135.825PSPSOPENG	EUR	16,4100	16,4100	16,4000			16,4000					
Warrant	NL0011853544	ARCM15.2545PLOPENG	EUR											
Warrant	NL0011859665	ARCM16.4075PLOPENG	EUR											
Warrant	NL0011858295	ASMI 325PLOPENG	EUR	7,8100	7,8100	7,5900			7,5900					
Warrant	NL0009235878	ASMI 2.55PLOPENG	EUR	35,2800	35,2800	35,0600			35,0600					
Warrant	NL0009902311	ASMI 7.15PLOPENG	EUR	31,0500	31,0500	30,8300			30,8300					
Warrant	NL0009904812	ASMI 9.25PLOPENG	EUR	29,0700	29,0700	28,8500			28,8500					
Warrant	NL0009905686	ASMI 11.55PLOPENG	EUR	26,8800	26,8800	26,6600			26,6600					
Warrant	NL0010363289	ASMI 13.35PLOPENG	EUR	25,2400	25,2400	25,0200			25,0200					
Warrant	NL0010526133	ASMI 15.25PLOPENG	EUR	23,5100	23,5100	23,2900			23,2900					
Warrant	NL0010599460	ASMI 17.25PLOPENG	EUR	21,5700	21,5700	21,3500			21,3500					
Warrant	NL0010939054	ASMI 19.55PLOPENG	EUR	19,4900	19,4900	19,2700			19,2700					
Warrant	NL0011373154	ASMI 21.35PLOPENG	EUR	17,7800	17,7800	17,5600			17,5600					
Warrant	NL0011475249	ASMI 23.35PLOPENG	EUR	15,9500	15,9500	15,7300			15,7300					
Warrant	NL0011476593	ASMI 25.45PLOPENG	EUR	13,9900	13,9900	13,7700			13,7700					
Warrant	NL0011853064	ASMI 27.25PLOPENG	EUR	12,2900	12,2900	12,0700			12,0700					
Warrant	NL0011855317	ASMI 29.55PLOPENG	EUR	10,1200	10,1200	9,9000			9,9000					
Warrant	NL0012834576	ASMI 34.35PLOPENG	EUR	5,7200	5,7200	5,5000			5,5000					
Warrant	NL0012063143	ASMI 34.65PLOPENG	EUR											
Warrant	NL0012834568	ASMI 36.75PLOPENG	EUR											
Warrant	NL0012064265	ASMI 37.55PLOPENG	EUR											
Warrant	NL0012829329	ASMI 40.15PLOPENG	EUR											
Warrant	NL0012824056	ASMI 40.35PLOPENG	EUR											
Warrant	NL0012836118	ASMI 40.85PSPSOPENG	EUR	6,8500	7,0100	6,8500			7,0100					
Warrant	NL0012831101	ASMI 42.95PLOPENG	EUR											
Warrant	NL0012826507	ASMI 43.25PLOPENG	EUR											
Warrant	NL0012836126	ASMI 44.95PSPSOPENG	EUR	11,2200	11,3800	11,2200			11,3800					
Warrant	NL0012836134	ASMI 49.35PSPSOPENG	EUR	16,0300	16,1900	16,0300			16,1900					
Warrant	NL0012063150	ASMI 49.75PSPSOPENG	EUR											
Warrant	NL0012465793	ASMI 59.65PSPSOPENG	EUR	27,1100	27,2700	27,1100			27,2700					
Warrant	NL0009230580	ASMLH 165PLOPENG	EUR	134,9000	135,3100	134,9000			135,3100					
Warrant	NL0012833008	ASMLH 149SPLOPENG	EUR											
Warrant	DE000CJ3N9A4	ASMLH 150C 0319Z	EUR	0,4800	0,4800	0,4800			0,4800					
Warrant	DE000CJ3PUJ7	ASMLH 160C 0619Z	EUR	0,4050	0,4050	0,4050			0,4050					
Warrant	DE000CV895A5	ASMLH 160C 1218Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	DE000CJ3N9B2	ASMLH 165C 0319Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	DE000CV895B3	ASMLH 176C 1218Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	DE000CV8AZD4	ASMLH 180C 0319Z	EUR	0,0770	0,0770	0,0770			0,0770					
Warrant	DE000CV8AMG5	ASMLH 200C 0319Z	EUR	0,0230	0,0230	0,0230			0,0230					
Warrant	NL0006408007	ASMLH 6.65PLOPENG	EUR	143,5500	143,9500	143,5500			143,9500					
Warrant	NL0012830053	ASMLH 156.SPLOPENG	EUR											
Warrant	NL0009370576	ASMLH 17.75PLOPENG	EUR	133,2500	133,7000	133,2500			133,7000					
Warrant	NL0009904010	ASMLH 28.45PLOPENG	EUR	123,3000	123,7500	123,3000			123,7500					
Warrant	NL0010090247	ASMLH 34.65PLOPENG	EUR	117,5500	117,9600	117,5500			117,9600					
Warrant	NL0010102778	ASMLH 36.65PLOPENG	EUR	115,7500	116,1500	115,7500			116,1500					
Warrant	NL0010213716	ASMLH 42.55PLOPENG	EUR	110,2000	110,6100	110,2000			110,6100					
Warrant	NL0010344941	ASMLH 45.95PLOPENG	EUR	107,0500	107,4500	107,0500			107,4500					
Warrant	NL0010345310	ASMLH 49.65PLOPENG	EUR	103,6500	104,0500	103,6500			104,0500					
Warrant	NL0010359865	ASMLH 53.55PLOPENG	EUR	99,9900	100,4100	99,9900			100,4100					
Warrant	NL0010694998	ASMLH 56.45PLOPENG	EUR	97,2400	97,6600	97,2400			97,6600					
Warrant	NL0010744454	ASMLH 59.55PLOPENG	EUR	94,3900	94,8100	94,3900			94,8100					
Warrant	NL0010757555	ASMLH 62.75PLOPENG	EUR	91,3900	91,8100	91,3900			91,8100					
Warrant	NL0010757548	ASMLH 66.15PLOPENG	EUR	88,2500	88,6700	88,2500			88,6700					
Warrant	NL0010830048	ASMLH 69.65PLOPENG	EUR	84,9400	85,3600	84,9400			85,3600					
Warrant	NL0011621479	ASMLH 77.25PLOPENG	EUR	77,9100	78,3300	77,9100			78,3300					
Warrant	NL0011844709	ASMLH 81.25PLOPENG	EUR	74,1700	74,5900	74,1700			74,5900					
Warrant	NL0011848320	ASMLH 85.45PLOPENG	EUR	70,2600	70,6800	70,2600			70,6800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011859350	ASMLH 89.8SPLOPENG	EUR	66,1400	66,5600	66,1400			66,5600					
Warrant	NL0011863022	ASMLH 95.2SPLOPENG	EUR	54,9700	55,3900	54,9700			55,3900					
Warrant	NL0012063028	ASMLH100.1SPLOPENG	EUR	50,0000	50,4200	50,0000			50,4200					
Warrant	NL0012064273	ASMLH104.4SPLOPENG	EUR	52,5600	52,9800	52,5600			52,9800					
Warrant	NL0012063689	ASMLH105.3SPLOPENG	EUR	44,8900	45,3100	44,8900			45,3100					
Warrant	NL0012068241	ASMLH109.8SPLOPENG	EUR	47,5600	47,9800	47,5600			47,9800					
Warrant	NL0012064083	ASMLH110.7SPLOPENG	EUR	39,7800	40,2000	39,7800	2000,0000	1	40,2000	50				
Warrant	NL0012075857	ASMLH116.3SPLOPENG	EUR	34,2700	34,6900	34,2700			34,6900					
Warrant	NL0012077325	ASMLH121.2SPLOPENG	EUR	36,9200	37,3400	36,9200			37,3400					
Warrant	NL0012076400	ASMLH122.2SPLOPENG	EUR	28,3300	28,7500	28,3300			28,7500					
Warrant	NL0012834188	ASMLH124.8SPLOPENG	EUR	3,3500	3,3900	3,3500			3,3900					
Warrant	NL0012079727	ASMLH128.4SPLOPENG	EUR	22,1400	22,5600	22,1400			22,5600					
Warrant	NL0012080808	ASMLH134.9SPLOPENG	EUR	15,5800	16,9400	15,1000	12873,5000	7	16,0000	820				
Warrant	NL0012834170	ASMLH136.4SPLOPENG	EUR											
Warrant	NL0012836142	ASMLH136.5SPLOPENG	EUR	2,2900	2,3400	2,2900			2,3400					
Warrant	NL0012463327	ASMLH140.3SPLOPENG	EUR											
Warrant	NL0012461883	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012832059	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012834287	ASMLH141.6SPLOPENG	EUR											
Warrant	NL0012832729	ASMLH144.6SPLOPENG	EUR											
Warrant	NL0012835151	ASMLH144.8SPLOPENG	EUR											
Warrant	NL0012474662	ASMLH147.4SPLOPENG	EUR											
Warrant	NL0012832828	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012473524	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012834915	ASMLH148.6SPLOPENG	EUR											
Warrant	NL0012480867	ASMLH151.6SPLOPENG	EUR											
Warrant	NL0012829337	ASMLH151.8SPLOPENG	EUR											
Warrant	NL0012832992	ASMLH153.4SPLOPENG	EUR											
Warrant	NL0012476204	ASMLH154.7SPLOPENG	EUR											
Warrant	NL0012818652	ASMLH154.9SPLOPENG	EUR											
Warrant	NL0012835524	ASMLH155.1SPSOPENG	EUR	0,7200	0,7200	0,6700			0,6700					
Warrant	NL0012833826	ASMLH155.3SPSOPENG	EUR											
Warrant	NL0012832067	ASMLH155.6SPSOPENG	EUR											
Warrant	NL0012832810	ASMLH155.9SPLOPENG	EUR											
Warrant	NL0012831127	ASMLH156.4SPLOPENG	EUR											
Warrant	NL0012832257	ASMLH156.4SPSOPENG	EUR											
Warrant	NL0012818611	ASMLH159.1SPLOPENG	EUR											
Warrant	NL0012831119	ASMLH161.1SPLOPENG	EUR											
Warrant	NL0012819353	ASMLH162.4SPLOPENG	EUR											
Warrant	NL0012832737	ASMLH166.1SPSOPENG	EUR	3,0300	3,0300	2,9900			2,9900					
Warrant	NL0012829071	ASMLH166.8SPSOPENG	EUR	1,8900	1,8900	1,8000	441,0000	1	1,8400	245				
Warrant	NL0012824015	ASMLH167.1SPLOPENG	EUR											
Warrant	NL0012824460	ASMLH170.3SPLOPENG	EUR											
Warrant	NL0012828222	ASMLH170.5SPLOPENG	EUR											
Warrant	NL0012824742	ASMLH175.3SPLOPENG	EUR											
Warrant	NL0012832265	ASMLH176.8SPSOPENG	EUR	4,1600	4,1600	4,1100			4,1100					
Warrant	NL0012824940	ASMLH178.8SPLOPENG	EUR											
Warrant	NL0012829089	ASMLH179.4SPSOPENG	EUR	3,1500	3,1500	3,1000			3,1000					
Warrant	NL0012475669	ASMLH192.9SPSOPENG	EUR	4,5000	4,5000	4,4500			4,4500					
Warrant	NL0012476725	ASMLH200.1SPSOPENG	EUR	6,6800	6,6800	6,6400			6,6400					
Warrant	NL0012477863	ASMLH206.5SPSOPENG	EUR	5,8600	5,8600	5,8100			5,8100					
Warrant	NL0012825343	ASMLH220.9SPSOPENG	EUR	7,3000	7,3000	7,2600			7,2600					
Warrant	NL0010587879	ASMLH54.84SPLOPENG	EUR	95,2600	95,6800	95,2600			95,6800					
Warrant	NL0010746038	ASMLH60.94SPLOPENG	EUR	89,1600	89,5800	89,1600			89,5800					
Warrant	NL0010757704	ASMLH64.22SPLOPENG	EUR	85,8900	86,3100	85,8900			86,3100					
Warrant	NL0010759478	ASMLH67.67SPLOPENG	EUR	82,3900	82,8100	82,3900			82,8100					
Warrant	NL0011619960	ASMLH71.25SPLOPENG	EUR	78,8600	79,2800	78,8600			79,2800					
Warrant	NL0011620752	ASMLH75.02SPLOPENG	EUR	75,0900	75,5100	75,0900			75,5100					
Warrant	NL0011622642	ASMLH78.98SPLOPENG	EUR	71,1300	71,5500	71,1300			71,5500					
Warrant	NL0011845177	ASMLH83.07SPLOPENG	EUR	67,0500	67,4700	67,0500			67,4700					
Warrant	NL0011848965	ASMLH86.09SPLOPENG	EUR	64,0500	64,4700	64,0500			64,4700					
Warrant	NL0011854591	ASMLH90.54SPLOPENG	EUR	59,6000	60,0200	59,6000			60,0200					
Warrant	NL0012823140	ASRNL 33SPLOPENG	EUR	7,9600	7,9600	7,8200			7,8200					
Warrant	NL0012823694	ASRNL 28.6SPLOPENG	EUR	12,0600	12,0600	11,9200			11,9200					
Warrant	NL0012479356	ASRNL 30.8SPLOPENG	EUR	10,0200	10,0200	9,8800			9,8800					
Warrant	NL0012826580	ASRNL 35.4SPLOPENG	EUR	5,7600	5,7600	5,6200			5,6200					
Warrant	NL0012825061	ASRNL 35.6SPLOPENG	EUR	3,2000	3,2000	3,0600			3,0600					
Warrant	NL0012829584	ASRNL 37.8SPLOPENG	EUR	3,4600	3,4600	3,3200			3,3200					
Warrant	NL0012479604	ASRNL 42.3SPSOPENG	EUR											
Warrant	NL0012828719	ASRNL 43.7SPSOPENG	EUR	5,3500	5,4700	5,3500			5,4700					
Warrant	NL0012479380	ASRNL29.04SPLOPENG	EUR	9,7600	9,7600	9,6200			9,6200					
Warrant	NL0012479372	ASRNL30.55SPLOPENG	EUR	8,2400	8,2400	8,1000			8,1000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012479489	ASRNL32.21SPLOPENG	EUR	6,5900	6,5900	6,4500			6,4500					
Warrant	NL0012823389	ASRNL33.86SPLOPENG	EUR	4,9300	4,9300	4,7900			4,7900					
Warrant	NL0012828412	ASRNL37.42SPLOPENG	EUR	1,3800	1,3800	1,2400			1,2400					
Warrant	NL0012823397	ASRNL38.29SPSOPENG	EUR											
Warrant	NL0012833222	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012828701	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012835375	ASRNL39.28SPLOPENG	EUR											
Warrant	NL0012479398	ASRNL40.45SPSOPENG	EUR											
Warrant	NL0012836027	ASRNL40.63SPSOPENG	EUR	2,2800	2,6800	2,2800	670,0000	1	2,4000	250				
Warrant	NL0010744041	ASTRA 2450SPLOPENG	EUR	44,4200	44,4200	44,0700			44,0700					
Warrant	NL0010818720	BABAK 55.95SPLOPENG	EUR	94,7000	94,7000	94,7000			94,7000					
Warrant	NL0010818712	BABAK 61.55PLOPENG	EUR	90,2800	90,2800	90,2800			90,2800					
Warrant	NL0010953105	BAM 25PLOPENG	EUR	1,0600	1,0600	1,0200			1,0200					
Warrant	DE000CV895D9	BAM 4C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	NL0010824660	BAM 1.25PLOPENG	EUR	1,7500	1,7500	1,7200			1,7200					
Warrant	NL0009885433	BAM 1.45PLOPENG	EUR	1,6400	1,6400	1,6100			1,6100					
Warrant	NL0010759189	BAM 1.55PLOPENG	EUR	1,5400	1,5400	1,5100			1,5100					
Warrant	NL0010830055	BAM 1.65PLOPENG	EUR	1,4400	1,4400	1,4100			1,4100					
Warrant	NL0010944419	BAM 1.75PLOPENG	EUR	1,3400	1,3400	1,3100			1,3100					
Warrant	NL0010944401	BAM 1.95PLOPENG	EUR	1,1900	1,1900	1,1600			1,1600					
Warrant	NL0011011044	BAM 2.25PLOPENG	EUR	0,9000	0,9000	0,8700	440,0000	1	0,8700	500				
Warrant	NL0011018114	BAM 2.35PLOPENG	EUR	0,7400	0,7400	0,7100			0,7100					
Warrant	NL0011018882	BAM 2.55PLOPENG	EUR	0,5800	0,5800	0,5500			0,5500					
Warrant	NL0011021530	BAM 2.75PLOPENG	EUR											
Warrant	NL0012832273	BAM 2.95PLOPENG	EUR											
Warrant	NL0011848338	BAM 3.15PLOPENG	EUR											
Warrant	NL0012825939	BAM 3.45PLOPENG	EUR											
Warrant	NL0012832281	BAM 3.45SPSOPENG	EUR	1,0800	1,1000	1,0800			1,1000					
Warrant	DE000CV895C1	BAM 3.6C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0012827919	BAM 3.65PLOPENG	EUR											
Warrant	NL0012822977	BAM 3.85SPSOPENG	EUR											
Warrant	NL0012832299	BAM 3.85SPSOPENG	EUR	1,4700	1,4900	1,4700			1,4900					
Warrant	NL0011373931	BAM 4.25PLOPENG	EUR											
Warrant	NL0012821433	BAM 4.25SPSOPENG	EUR	1,9000	1,9200	1,9000			1,9200					
Warrant	NL0011619705	BAM 4.55PLOPENG	EUR											
Warrant	NL0012465074	BAM 4.65SPSOPENG	EUR	2,3700	2,3900	2,3700			2,3900					
Warrant	NL0012462261	BAM 5.15PLOPENG	EUR	2,8900	2,9100	2,8900			2,9100					
Warrant	NL0011494000	BAM 5.65SPSOPENG	EUR	3,4800	3,5100	3,4800			3,5100					
Warrant	NL0011847124	BAM 2.5265PLOPENG	EUR	0,3900	0,3900	0,3500			0,3500					
Warrant	NL0011844642	BAM 2.7285PLOPENG	EUR											
Warrant	NL0011847561	BAM 2.9295PLOPENG	EUR											
Warrant	NL0011847934	BAM 3.1485PLOPENG	EUR											
Warrant	NL0012823728	BAM 3.3645PLOPENG	EUR											
Warrant	NL0012828123	BAM 3.5995PLOPENG	EUR											
Warrant	NL0012832075	BAM 3.8825SPSOPENG	EUR	1,1700	1,2000	1,1700			1,2000					
Warrant	NL0012467005	BAM 4.5695SPSOPENG	EUR	1,8600	1,8800	1,8600			1,8800					
Warrant	NL0012067375	BAM 5.3945SPSOPENG	EUR	2,6800	2,7100	2,6800			2,7100					
Warrant	DE000CV8B0E9	BAYER 119C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8B0F6	BAYER 119C 0620Z	EUR	0,0160	0,0160	0,0160			0,0160					
Warrant	NL0012833073	BEKB 12SPLOPENG	EUR	11,4400	11,5200	11,4400			11,5200					
Warrant	NL0012833065	BEKB 14SPLOPENG	EUR	9,6400	9,7200	9,6400			9,7200					
Warrant	DE000CJ3PIV5	BEKB 18C 0319Z	EUR	0,9550	0,9550	0,9550			0,9550					
Warrant	DE000CJ3N9D8	BEKB 20C 0319Z	EUR	0,6400	0,6400	0,6400			0,6400					
Warrant	DE000CV8AY17	BEKB 22C 1218Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	NL0012835326	BEKB 22SPSOPENG	EUR											
Warrant	DE000CV8AMH3	BEKB 24C 1218Z	EUR	0,0740	0,0740	0,0740			0,0740					
Warrant	DE000CV8AMK7	BEKB 25C 0319Z	EUR	0,1800	0,1800	0,1800			0,1800					
Warrant	DE000CV8AMJ9	BEKB 26C 1218Z	EUR	0,0250	0,0250	0,0250			0,0250					
Warrant	DE000CV895E7	BEKB 30C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012832745	BEKB 16.15PLOPENG	EUR	7,7300	7,8100	7,7300			7,8100					
Warrant	NL0012825244	BEKB 17.35PLOPENG	EUR	6,6400	6,7200	6,6400			6,7200					
Warrant	NL0012835318	BEKB 18.55PLOPENG	EUR	5,5400	5,6200	5,5400			5,6200					
Warrant	NL0010357554	BEKB 18.55PLOPENG	EUR											
Warrant	DE000CJ3N9C0	BEKB 19.5C 1218Z	EUR	0,6150	0,6150	0,6150			0,6150					
Warrant	NL0012833099	BEKB 20.15SPSOPENG	EUR											
Warrant	NL0010830170	BEKB 20.55PLOPENG	EUR											
Warrant	NL0012826184	BEKB 21.95PLOPENG	EUR											
Warrant	NL0012481451	BEKB 35.45SPSOPENG	EUR	17,2100	17,2100	17,1500			17,1500					
Warrant	NL0012068308	BEKB 47.35SPSOPENG	EUR											
Warrant	NL0006429011	BEL20 1000SPLOPENG	EUR	25,3600	25,3600	25,2300			25,2300					
Warrant	NL0009107945	BEL20 1310SPLOPENG	EUR	22,4100	22,4100	22,2800			22,2800					
Warrant	NL0010098224	BEL20 1580SPLOPENG	EUR	19,8100	19,8100	19,6700			19,6700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010086070	BEL20 1690SPLOPENG	EUR	18,7200	18,7200	18,5900			18,5900					
Warrant	NL0010204434	BEL20 1810SPLOPENG	EUR	17,5600	17,5600	17,4300			17,4300					
Warrant	NL0010216784	BEL20 1940SPLOPENG	EUR	16,3600	16,3600	16,2200			16,2200					
Warrant	NL0010346110	BEL20 2070SPLOPENG	EUR	15,0800	15,0800	14,9400			14,9400					
Warrant	NL0010526000	BEL20 2200SPLOPENG	EUR	13,8200	13,8200	13,6800			13,6800					
Warrant	NL0010530390	BEL20 2340SPLOPENG	EUR	12,4700	12,4700	12,3400			12,3400					
Warrant	NL0010540662	BEL20 2430SPLOPENG	EUR	11,6400	11,6400	11,5000			11,5000					
Warrant	NL0010596409	BEL20 2520SPLOPENG	EUR	10,7700	10,7700	10,6400			10,6400					
Warrant	NL0010829651	BEL20 2600SPLOPENG	EUR	9,9100	9,9100	9,7800			9,7800					
Warrant	NL0010938973	BEL20 2700SPLOPENG	EUR	9,0300	9,0300	8,8900			8,8900					
Warrant	NL0010941043	BEL20 2790SPLOPENG	EUR	8,1200	8,1200	7,9800			7,9800					
Warrant	NL0010960274	BEL20 2890SPLOPENG	EUR	7,1800	7,1800	7,0400			7,0400					
Warrant	NL0011844964	BEL20 2980SPLOPENG	EUR	6,2700	6,2700	6,1300			6,1300					
Warrant	NL0011848098	BEL20 3080SPLOPENG	EUR	5,3300	5,3300	5,1900			5,1900					
Warrant	NL0011849070	BEL20 3180SPLOPENG	EUR	4,3600	4,3600	4,2200			4,2200					
Warrant	NL0012061998	BEL20 3280SPLOPENG	EUR	3,3700	3,3700	3,2300			3,2300					
Warrant	NL0012063572	BEL20 3400SPLOPENG	EUR											
Warrant	NL0012067789	BEL20 3510SPLOPENG	EUR											
Warrant	NL0012070692	BEL20 3620SPLOPENG	EUR											
Warrant	NL0012826275	BEL20 3720SPLOPENG	EUR											
Warrant	NL0012475933	BEL20 3900SPSOPENG	EUR	5,4500	5,5800	5,4500			5,5800					
Warrant	NL0012071450	BEL20 4020SPSOPENG	EUR	6,7300	6,8700	6,7300			6,8700					
Warrant	NL0012074835	BEL20 4150SPSOPENG	EUR	8,0200	8,1600	8,0200			8,1600					
Warrant	NL0012077119	BEL20 4280SPSOPENG	EUR	9,3600	9,5000	9,3600			9,5000					
Warrant	NL0012475941	BEL20 4410SPSOPENG	EUR	10,7200	10,8600	10,7200			10,8600					
Warrant	NL0011625942	BERKS#####SPLOPENG	EUR	11,0400	11,0400	11,0400			11,0400					
Warrant	NL0010684486	BERKS#####SPLOPENG	EUR	12,2400	12,2400	12,2400			12,2400					
Warrant	NL0010348835	BERKS#####SPLOPENG	EUR	14,9300	14,9300	14,9300			14,9300					
Warrant	NL0009105741	BERKS#####SPLOPENG	EUR	20,0100	20,0100	20,0100			20,0100					
Warrant	NL0012826556	BESI 19SPLOPENG	EUR											
Warrant	NL0011627864	BESI 7.75SPLOPENG	EUR	24,6800	24,6800	23,8800			23,8800					
Warrant	NL0011847520	BESI 8.5SPLOPENG	EUR	23,2700	23,2700	22,4700			22,4700					
Warrant	NL0011853296	BESI 10.35PLOPENG	EUR	20,0800	20,0800	19,2800			19,2800					
Warrant	NL0011859483	BESI 11.25PLOPENG	EUR	18,3300	18,3300	17,5300			17,5300					
Warrant	NL0012063291	BESI 13.45PLOPENG	EUR	14,4300	14,4300	13,6300			13,6300					
Warrant	NL0012834238	BESI 14.35PLOPENG	EUR	6,4000	6,4000	6,0000			6,0000					
Warrant	NL0012067169	BESI 14.55PLOPENG	EUR											
Warrant	NL0012834220	BESI 15.35PLOPENG	EUR	5,4900	5,4900	5,0900			5,0900					
Warrant	NL0012826226	BESI 15.55PLOPENG	EUR											
Warrant	NL0012834212	BESI 16.45PLOPENG	EUR	4,5100	4,5100	4,1100			4,1100					
Warrant	NL0012826218	BESI 16.65PLOPENG	EUR											
Warrant	NL0012833107	BESI 16.65PLOPENG	EUR											
Warrant	NL0012829535	BESI 16.65PLOPENG	EUR											
Warrant	NL0012834618	BESI 17.55PLOPENG	EUR											
Warrant	NL0012835805	BESI 17.55PLOPENG	EUR	3,4700	3,4700	3,0700			3,0700					
Warrant	NL0012831242	BESI 17.85PLOPENG	EUR											
Warrant	NL0012830426	BESI 17.85PLOPENG	EUR											
Warrant	NL0012826200	BESI 17.85PLOPENG	EUR											
Warrant	NL0012827505	BESI 17.85PLOPENG	EUR											
Warrant	NL0012833792	BESI 18.55SPSOPENG	EUR											
Warrant	NL0012832380	BESI 18.55SPSOPENG	EUR											
Warrant	NL0012829543	BESI 18.65SPSOPENG	EUR											
Warrant	NL0012836258	BESI 18.85PLOPENG	EUR	2,3500	2,3500	2,3500			2,3500					
Warrant	NL0012834600	BESI 18.85PLOPENG	EUR											
Warrant	NL0012835813	BESI 20.35SOPENG	EUR	3,4500	3,8400	3,4500			3,8400					
Warrant	NL0012827513	BESI 20.45SOPENG	EUR											
Warrant	NL0012826564	BESI 22.45SOPENG	EUR	5,7000	6,0900	5,7000			6,0900					
Warrant	NL0012823116	BESI 24.65SPSOPENG	EUR	8,1600	8,5500	8,1600			8,5500					
Warrant	NL0012823124	BESI 27.15SOPENG	EUR	10,8800	11,2700	10,8800			11,2700					
Warrant	NL0012820021	BESI 32.75SPSOPENG	EUR	17,1300	17,5200	17,1300			17,5200					
Warrant	NL0012475222	BINCK 4SPLOPENG	EUR	0,8800	0,8800	0,8500			0,8500					
Warrant	NL0011846852	BINCK 2.95PLOPENG	EUR	1,8900	1,8900	1,8600			1,8600					
Warrant	NL0011844774	BINCK 3.25PLOPENG	EUR	1,6700	1,6700	1,6400			1,6400					
Warrant	NL0011631437	BINCK 3.55PLOPENG	EUR	1,3900	1,3900	1,3600			1,3600					
Warrant	NL0012468011	BINCK 3.75PLOPENG	EUR	1,1500	1,1500	1,1200			1,1200					
Warrant	NL0012821466	BINCK 4.35PLOPENG	EUR											
Warrant	NL0012823025	BINCK 4.65PLOPENG	EUR											
Warrant	NL0012833743	BINCK 4.85SPSOPENG	EUR	0,9800	1,0100	0,9800			1,0100					
Warrant	NL0012826135	BINCK 4.95PLOPENG	EUR											
Warrant	NL0012827240	BINCK 5.35PLOPENG	EUR											
Warrant	NL0012826143	BINCK 5.85SPSOPENG	EUR											
Warrant	NL0012833750	BINCK 5.85SPSOPENG	EUR	2,1100	2,1400	2,1100			2,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011621545	BINCK 6.45SPOPENG	EUR	2,7600	2,7900	2,7600			2,7900					
Warrant	NL0010601662	BINCK 7.95SPOPENG	EUR	4,4300	4,4600	4,4300			4,4600					
Warrant	NL0010750733	BINCK 8.75SPOPENG	EUR	5,3400	5,3700	5,3400								
Warrant	NL0010464160	BMW 46.35SPOPENG	EUR	31,2600	31,2600	30,8300				30,8300				
Warrant	NL0010464152	BMW 50.25SPOPENG	EUR	27,6000	27,6000	27,1700				27,1700				
Warrant	NL0010463931	BMW 54.45SPOPENG	EUR	23,7200	23,7200	23,2900				23,2900				
Warrant	NL0010526398	BMW 58.65SPOPENG	EUR	19,8100	19,8100	19,3800				19,3800				
Warrant	NL0011848882	BMW 63.25SPOPENG	EUR	15,5300	15,5300	15,1000				15,1000				
Warrant	NL0011860465	BMW 68.15SPOPENG	EUR	10,9600	10,9600	10,5300				10,5300				
Warrant	NL0012822365	BMW 69.85SPOPENG	EUR	4,6300	4,6300	4,2000				4,2000				
Warrant	NL0011860622	BMW 73.25SPOPENG	EUR											
Warrant	NL0012829816	BMW 80.65SPOPENG	EUR											
Warrant	NL0012833560	BMW 66.32SPOPENG	EUR	8,1100	8,1100	7,6800				7,6800				
Warrant	NL0012822746	BMW 73.17SPOPENG	EUR											
Warrant	NL0012823355	BMW 76.75SPOPENG	EUR											
Warrant	NL0012825822	BMW 80.41SPOPENG	EUR											
Warrant	NL0012826408	BMW 80.52SPOPENG	EUR											
Warrant	NL0012828156	BMW 86.57SPOPENG	EUR											
Warrant	NL0010465993	BNP 25.25SPOPENG	EUR	22,3600	22,3600	21,9300				21,9300				
Warrant	NL0010464095	BNP 27.95SPOPENG	EUR	19,9100	19,9100	19,4800				19,4800				
Warrant	NL0010463915	BNP 30.85SPOPENG	EUR											
Warrant	NL0011851936	BNP 37.75SPOPENG	EUR	11,0600	11,0600	10,6300				10,6300				
Warrant	NL0012829501	BNP 44.75SPOPENG	EUR											
Warrant	NL0012829493	BNP 48.75SPOPENG	EUR											
Warrant	NL0012068290	BNP 50.25SPOPENG	EUR											
Warrant	NL0009113430	BOSKA 9.95SPOPENG	EUR	16,7600	16,8100	16,7600				16,8100				
Warrant	NL0009233519	BOSKA 12.35SPOPENG	EUR	14,4700	14,5200	14,4700				14,5200				
Warrant	NL0009903947	BOSKA 17.15SPOPENG	EUR	10,0700	10,1200	10,0700				10,1200				
Warrant	NL0010202545	BOSKA 19.75SPOPENG	EUR	7,6000	7,6500	7,6000				7,6500				
Warrant	NL0012477509	BOSKA 20.95SPOPENG	EUR	5,1700	5,2200	5,1700				5,2200				
Warrant	NL0010207015	BOSKA 21.75SPOPENG	EUR	5,7500	5,8500	5,7500	5850,0000	1		5,8000	1000			
Warrant	NL0012827968	BOSKA 23.25SPOPENG	EUR	4,3400	4,3900	4,3400				4,3900				
Warrant	NL0012821045	BOSKA 23.25SPOPENG	EUR											
Warrant	NL0012821151	BOSKA 23.95SPOPENG	EUR											
Warrant	NL0012829477	BOSKA 24.85SPOPENG	EUR											
Warrant	NL0012824114	BOSKA 24.85SPOPENG	EUR											
Warrant	NL0012831226	BOSKA 26.65SPOPENG	EUR											
Warrant	NL0012476758	BOSKA 27.45SPOPENG	EUR											
Warrant	NL0010543013	BOSKA 30.85SPOPENG	EUR											
Warrant	NL0011615349	BOSKA 33.25SPOPENG	EUR	10,1100	10,1100	10,0300				10,0300				
Warrant	NL0011615356	BOSKA 36.85SPOPENG	EUR	14,0100	14,0100	13,9300				13,9300				
Warrant	NL0011360664	BOSKA 40.75SPOPENG	EUR	18,2800	18,2800	18,2000				18,2000				
Warrant	NL0012478861	BOSKA19.38SPOPENG	EUR	6,7000	6,7500	6,7000				6,7500				
Warrant	NL0012479950	BOSKA22.44SPOPENG	EUR	3,6100	3,6600	3,6100				3,6600				
Warrant	NL0012827737	BOSKA23.97SPOPENG	EUR											
Warrant	NL0012835045	BOSKA24.03SPOPENG	EUR	2,0400	2,0900	2,0400				2,0900				
Warrant	NL0012826358	BOSKA25.58SPOPENG	EUR											
Warrant	NL0012830103	BOSKA25.66SPOPENG	EUR											
Warrant	NL0012833917	BOSKA27.43SPOPENG	EUR	1,8300	1,8300	1,7500				1,7500				
Warrant	NL0012821557	BOSKA27.55SPOPENG	EUR											
Warrant	NL0012476659	BOSKA30.15SPOPENG	EUR	4,5400	4,5400	4,4600				4,4600				
Warrant	NL0011631072	BOSKA33.24SPOPENG	EUR	7,6300	7,6300	7,5500				7,5500				
Warrant	NL0009616531	BP 2025SPOPENG	EUR	3,9100	3,9100	3,8500				3,8500				
Warrant	DE000CJ3QE48	BPOST 10C 0319Z	EUR	1,1800	1,1800	1,1800				1,1800				
Warrant	DE000CV8AML5	BPOST 14C 0319Z	EUR	0,1400	0,1400	0,1400				0,1400				
Warrant	DE000CJ3PJW3	BPOST 15C 0619Z	EUR	0,1800	0,1800	0,1800				0,1800				
Warrant	DE000CV895L2	BPOST 15C 1218Z	EUR	0,0120	0,0120	0,0120				0,0120				
Warrant	DE000CV8ASQ1	BPOST 16C 0319Z	EUR	0,0900	0,0900	0,0900				0,0900				
Warrant	DE000CJ3QEB6	BPOST 10.5C 0619Z	EUR	1,0950	1,0950	1,0950				1,0950				
Warrant	DE000CJ3P604	BPOST 12.5C 0319Z	EUR	0,3550	0,3550	0,3550				0,3550				
Warrant	DE000CJ3P612	BPOST 12.5C 0619Z	EUR	0,5250	0,5250	0,5250				0,5250				
Warrant	DE000CV895K4	BPOST 13.5C 1218Z	EUR	0,0250	0,0250	0,0250				0,0250				
Warrant	NL0012077168	BRENT 48SPOPENG	EUR	13,8900	13,8900	13,8900				13,8900				
Warrant	NL0012464085	BRENT 56SPOPENG	EUR	7,2000	7,2000	6,8000	680,0000	1		6,8000	100			
Warrant	NL0012835656	BRENT 65SPOPENG	EUR											
Warrant	NL0012827646	BRENT 71SPOPENG	EUR											
Warrant	NL0012822530	BRENT 80SPOPENG	EUR											
Warrant	NL0011492590	BRENT 28.75SPOPENG	EUR	30,2300	30,2300	30,2300				30,2300				
Warrant	NL0011492350	BRENT 29.35SPOPENG	EUR	29,6500	29,6500	29,6500				29,6500				
Warrant	NL0011491071	BRENT 31.55SPOPENG	EUR	27,8500	27,8500	27,8500				27,8500				
Warrant	NL0011490321	BRENT 33.85SPOPENG	EUR	25,8900	25,8900	25,8900				25,8900				
Warrant	NL0011489356	BRENT 34.65SPOPENG	EUR	25,2000	25,2000	25,2000				25,2000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011619655	BRENT 37.3SPLOPENG	EUR	22,9600	22,9600	22,9600			22,9600					
Warrant	NL0011620216	BRENT 38.2SPLOPENG	EUR	22,1600	22,1600	22,1600			22,1600					
Warrant	NL0011622634	BRENT 40.2SPLOPENG	EUR	20,4700	20,4700	20,4700			20,4700					
Warrant	NL0011623616	BRENT 41.3SPLOPENG	EUR	19,5900	19,5900	19,5900			19,5900					
Warrant	NL0011622238	BRENT 41.4SPLOPENG	EUR	17,8500	17,8500	17,8500			17,8500					
Warrant	NL0011624176	BRENT 42.4SPLOPENG	EUR	18,6800	18,6800	18,6800			18,6800					
Warrant	NL0012075816	BRENT 45.1SPLOPENG	EUR	16,3600	16,3600	16,3600			16,3600					
Warrant	NL0012075840	BRENT 45.6SPLOPENG	EUR	14,1500	14,1500	14,1500			14,1500					
Warrant	NL0012077036	BRENT 46.5SPLOPENG	EUR	15,1500	15,1500	15,1500			15,1500					
Warrant	NL0012080360	BRENT 49.6SPLOPENG	EUR	12,6100	12,6100	12,6100			12,6100					
Warrant	NL0012080527	BRENT 51.1SPLOPENG	EUR	11,2900	11,2900	11,2000	560,0000	1	11,2000	50				
Warrant	NL0012080642	BRENT 52.7SPLOPENG	EUR	9,9300	9,9300	8,5500	1750,0000	2	8,9500	200				
Warrant	NL0012463772	BRENT 54.3SPLOPENG	EUR	8,6500	8,6500	7,8900	789,0000	1	7,8900	100				
Warrant	NL0012836373	BRENT 57.6SPLOPENG	EUR	5,7800	5,7800	5,7800			5,7800					
Warrant	NL0012465371	BRENT 59.3SPLOPENG	EUR											
Warrant	NL0012473011	BRENT 61.1SPLOPENG	EUR											
Warrant	NL0012836381	BRENT 62.2SPLOPENG	EUR	3,7000	3,7000	3,7000			3,7000					
Warrant	NL0012836209	BRENT 64.8SPLOPENG	EUR	6,1200	6,1200	6,1200			6,1200					
Warrant	NL0012477251	BRENT 64.9SPLOPENG	EUR											
Warrant	NL0012836084	BRENT 67.5SPLOPENG	EUR	8,6400	8,6400	8,6400			8,6400					
Warrant	NL0012479687	BRENT 68.9SPLOPENG	EUR											
Warrant	NL0012835664	BRENT 70.3SPLOPENG	EUR	11,2600	11,2600	11,2600			11,2600					
Warrant	NL0012480537	BRENT 70.9SPLOPENG	EUR											
Warrant	NL0012835623	BRENT 70.9SPLOPENG	EUR	8,6800	8,6800	8,6800			8,6800					
Warrant	NL0012827315	BRENT 72.8SPLOPENG	EUR											
Warrant	NL0012826085	BRENT 73.1SPLOPENG	EUR											
Warrant	NL0012828339	BRENT 73.1SPLOPENG	EUR											
Warrant	NL0012829667	BRENT 75.2SPLOPENG	EUR											
Warrant	NL0012828651	BRENT 75.7SPLOPENG	EUR											
Warrant	NL0012831069	BRENT 77.5SPLOPENG	EUR											
Warrant	NL0012826994	BRENT 77.5SPLOPENG	EUR											
Warrant	NL0012831051	BRENT 79.8SPLOPENG	EUR											
Warrant	NL0012831499	BRENT 82.2SPLOPENG	EUR											
Warrant	NL0012832042	BRENT 82.7SPLOPENG	EUR	22,8900	22,8900	22,8900			22,8900					
Warrant	NL0012820252	BRENT 83.4SPLOPENG	EUR											
Warrant	NL0012827653	BRENT 86.7SPLOPENG	EUR											
Warrant	NL0012831440	BRENT 93.5SPLOPENG	EUR	28,6900	28,6900	28,6900			28,6900					
Warrant	NL0011492566	BRENT30.35SPLOPENG	EUR	27,6300	27,6300	27,6300			27,6300					
Warrant	NL0011491212	BRENT32.22SPLOPENG	EUR	25,9800	25,9800	25,9800			25,9800					
Warrant	NL0011490891	BRENT32.86SPLOPENG	EUR	25,4100	25,4100	25,4100			25,4100					
Warrant	NL0011490628	BRENT34.21SPLOPENG	EUR	24,2200	24,2200	24,2200			24,2200					
Warrant	NL0011489448	BRENT34.91SPLOPENG	EUR	23,6000	23,6000	23,6000			23,6000					
Warrant	NL0011492699	BRENT36.39SPLOPENG	EUR	22,2800	22,2800	22,2800			22,2800					
Warrant	NL0011493879	BRENT37.16SPLOPENG	EUR	21,6100	21,6100	21,6100			21,6100					
Warrant	NL0011618814	BRENT37.96SPLOPENG	EUR	20,9000	20,9000	20,9000			20,9000					
Warrant	NL0011620182	BRENT38.79SPLOPENG	EUR	20,1700	20,1700	20,1700			20,1700					
Warrant	NL0011621198	BRENT39.64SPLOPENG	EUR	19,4200	19,4200	19,4200			19,4200					
Warrant	NL0011622246	BRENT40.51SPLOPENG	EUR	18,6400	18,6400	18,6400			18,6400					
Warrant	NL0011623269	BRENT42.33SPLOPENG	EUR	17,0700	17,0700	17,0700			17,0700					
Warrant	NL0011623939	BRENT43.26SPLOPENG	EUR	16,2300	16,2300	16,2300			16,2300					
Warrant	NL0012074975	BRENT44.41SPLOPENG	EUR	15,2200	15,2200	15,2200			15,2200					
Warrant	NL0012077077	BRENT46.81SPLOPENG	EUR	13,0900	13,0900	13,0900			13,0900					
Warrant	NL0012077069	BRENT48.06SPLOPENG	EUR	12,0300	12,0300	12,0300			12,0300					
Warrant	NL0012079263	BRENT49.33SPLOPENG	EUR	10,9000	10,9000	10,4400	3178,5000	2	10,4400	300				
Warrant	NL0012079511	BRENT50.64SPLOPENG	EUR	9,6700	9,6700	9,6700			9,6700					
Warrant	NL0012080576	BRENT51.98SPLOPENG	EUR	8,5200	8,5200	8,5200			8,5200					
Warrant	NL0012081343	BRENT53.35SPLOPENG	EUR	7,3100	7,3100	7,3100			7,3100					
Warrant	NL0012463020	BRENT54.76SPLOPENG	EUR	6,0500	6,0500	4,3800	1565,8000	3	5,4000	320				
Warrant	NL0012463996	BRENT56.19SPLOPENG	EUR	4,7600	4,7600	3,2200	3051,0000	5	3,2200	850				
Warrant	NL0012464184	BRENT57.67SPLOPENG	EUR	3,4700	3,4700	1,8400	1512,3000	6	2,5000	540				
Warrant	NL0012464994	BRENT59.06SPLOPENG	EUR											
Warrant	NL0012467401	BRENT60.61SPLOPENG	EUR											
Warrant	NL0012473490	BRENT62.15SPLOPENG	EUR											
Warrant	NL0012477434	BRENT63.73SPLOPENG	EUR											
Warrant	NL0012836316	BRENT64.04SPLOPENG	EUR	2,6100	2,6100	2,6100			2,6100					
Warrant	NL0012477426	BRENT65.31SPLOPENG	EUR											
Warrant	NL0012478408	BRENT66.97SPLOPENG	EUR											
Warrant	NL0012835888	BRENT67.38SPLOPENG	EUR	5,5700	5,5700	5,5700			5,5700					
Warrant	NL0012479406	BRENT68.67SPLOPENG	EUR											
Warrant	NL0012835615	BRENT69.12SPLOPENG	EUR	7,1100	7,1100	7,1100			7,1100					
Warrant	NL0012479745	BRENT70.35SPLOPENG	EUR											
Warrant	NL0012827497	BRENT70.38SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825079	BRENT72.05SPLOPENG	EUR											
Warrant	NL0012826457	BRENT72.09SPLOPENG	EUR											
Warrant	NL0012828099	BRENT72.16SPLOPENG	EUR											
Warrant	NL0012835631	BRENT72.72SPSOPENG	EUR	10,2900	10,2900	10,2900			10,2900					
Warrant	NL0012826093	BRENT73.87SPLOPENG	EUR											
Warrant	NL0012828271	BRENT73.96SPLOPENG	EUR											
Warrant	NL0012826804	BRENT74.67SPSOPENG	EUR											
Warrant	NL0012829618	BRENT75.77SPLOPENG	EUR											
Warrant	NL0012828677	BRENT76.16SPLOPENG	EUR											
Warrant	NL0012835649	BRENT76.51SPSOPENG	EUR	13,6500	13,6500	13,6500			13,6500					
Warrant	NL0012825293	BRENT76.86SPSOPENG	EUR											
Warrant	NL0012830780	BRENT77.69SPLOPENG	EUR											
Warrant	NL0012833982	BRENT78.47SPSOPENG	EUR	15,3800	15,3800	15,3800			15,3800					
Warrant	NL0012828792	BRENT78.75SPSOPENG	EUR											
Warrant	NL0012823975	BRENT78.79SPSOPENG	EUR											
Warrant	NL0012830962	BRENT79.59SPLOPENG	EUR											
Warrant	NL0012470728	BRENT80.11SPSOPENG	EUR											
Warrant	NL0012833990	BRENT80.48SPSOPENG	EUR	17,1700	17,1700	17,1700			17,1700					
Warrant	NL0012831432	BRENT81.58SPLOPENG	EUR											
Warrant	NL0012471346	BRENT82.11SPSOPENG	EUR											
Warrant	NL0012832794	BRENT82.55SPSOPENG	EUR	19,0000	19,0000	19,0000			19,0000					
Warrant	NL0012831671	BRENT83.61SPLOPENG	EUR											
Warrant	NL0012832174	BRENT84.67SPSOPENG	EUR	20,8800	20,8800	20,8800			20,8800					
Warrant	NL0012831770	BRENT84.75SPSOPENG	EUR											
Warrant	NL0012480404	BRENT84.86SPSOPENG	EUR											
Warrant	NL0012819080	BRENT86.85SPSOPENG	EUR	22,8000	22,8000	22,8000			22,8000					
Warrant	NL0012819627	BRENT91.23SPSOPENG	EUR	26,6800	26,6800	26,6800			26,6800					
Warrant	NL0012831457	BRENT95.83SPSOPENG	EUR	30,7500	30,7500	30,7500			30,7500					
Warrant	DE000CV895N8	BRUNL 15C 1218Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	DE000CV895M0	BRUNL 13.5C 1218Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	DE000CV895P3	BRUNL 16.5C 1218Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	NL0009903111	BTP 55SPLOPENG	EUR											
Warrant	NL0010677159	BTP 103SPLOPENG	EUR											
Warrant	NL0010687109	BTP 107SPLOPENG	EUR											
Warrant	NL0010746814	BTP 109SPLOPENG	EUR											
Warrant	NL0010812095	BTP 114SPLOPENG	EUR											
Warrant	NL0011299441	BTP 116SPLOPENG	EUR											
Warrant	NL0012833131	BTP 120SPLOPENG	EUR											
Warrant	NL0012828446	BTP 120SPLOPENG	EUR											
Warrant	NL0012829733	BTP 123SPLOPENG	EUR											
Warrant	NL0012833149	BTP 126SPSOPENG	EUR											
Warrant	NL0012480941	BTP 138SPSOPENG	EUR											
Warrant	NL001281937	BTP 123.SPSOPENG	EUR											
Warrant	NL0012465744	BTP 136.SPSOPENG	EUR	12,7000	12,7000	12,1900	49760,0000	3	12,1900	4000				
Warrant	NL0012831929	BTP 115.6SPLOPENG	EUR											
Warrant	NL0012831515	BTP 117.3SPLOPENG	EUR											
Warrant	NL0012828180	BTP 118.8SPLOPENG	EUR											
Warrant	NL0012834162	BTP 119.1SPLOPENG	EUR											
Warrant	NL0012826911	BTP 120.6SPLOPENG	EUR											
Warrant	NL0012823223	BTP 123.9SPLOPENG	EUR											
Warrant	NL0012831523	BTP 124.1SPSOPENG	EUR											
Warrant	NL0012831333	BTP 125.3SPSOPENG	EUR											
Warrant	NL0012823215	BTP 125.8SPLOPENG	EUR											
Warrant	NL0012826929	BTP 125.8SPSOPENG	EUR											
Warrant	NL0012826267	BTP 127.1SPSOPENG	EUR											
Warrant	NL0012825400	BTP 129.2SPSOPENG	EUR											
Warrant	NL0012820260	BTP 130.5SPSOPENG	EUR											
Warrant	NL0012820278	BTP 131.9SPSOPENG	EUR											
Warrant	NL0012819635	BTP 133.2SPSOPENG	EUR											
Warrant	NL0012819445	BTP 138.8SPSOPENG	EUR											
Warrant	NL0012479299	BTP 139.2SPSOPENG	EUR											
Warrant	NL0010598942	BUND 132SPLOPENG	EUR											
Warrant	NL0010600979	BUND 133SPLOPENG	EUR											
Warrant	NL0010602199	BUND 135SPLOPENG	EUR											
Warrant	NL0010677332	BUND 136SPLOPENG	EUR											
Warrant	NL0010743076	BUND 138SPLOPENG	EUR											
Warrant	NL0010751699	BUND 140SPLOPENG	EUR											
Warrant	NL0010753711	BUND 141SPLOPENG	EUR											
Warrant	NL0010812079	BUND 143SPLOPENG	EUR											
Warrant	NL0010951513	BUND 144SPLOPENG	EUR											
Warrant	NL0011293840	BUND 146SPLOPENG	EUR											
Warrant	NL0011304571	BUND 147SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011484191	BUND 149SPLOPENG	EUR											
Warrant	NL0011491238	BUND 151SPLOPENG	EUR											
Warrant	NL0011616313	BUND 152SPLOPENG	EUR											
Warrant	NL0012475529	BUND 154SPLOPENG	EUR											
Warrant	NL0012478267	BUND 156SPLOPENG	EUR											
Warrant	NL0012821086	BUND 157SPLOPENG	EUR											
Warrant	NL0012822548	BUND 161SPSOPENG	EUR											
Warrant	NL0012822704	BUND 163SPSOPENG	EUR											
Warrant	NL0012822712	BUND 165SPSOPENG	EUR											
Warrant	NL0010600128	BUND 133.SPLOPENG	EUR											
Warrant	NL0010814075	BUND 144.SPLOPENG	EUR											
Warrant	NL0010602470	BUND 134.5SPLOPENG	EUR											
Warrant	NL0010676979	BUND 136.1SPLOPENG	EUR											
Warrant	NL0010689576	BUND 137.6SPLOPENG	EUR											
Warrant	NL0010742771	BUND 139.2SPLOPENG	EUR											
Warrant	NL0010754107	BUND 140.8SPLOPENG	EUR											
Warrant	NL0010811097	BUND 142.4SPLOPENG	EUR											
Warrant	NL0011293279	BUND 145.6SPLOPENG	EUR											
Warrant	NL0011303490	BUND 147.2SPLOPENG	EUR											
Warrant	NL0011355631	BUND 148.8SPLOPENG	EUR											
Warrant	NL0011488937	BUND 150.4SPLOPENG	EUR											
Warrant	NL0011493366	BUND 152.1SPLOPENG	EUR											
Warrant	NL0012475602	BUND 153.6SPLOPENG	EUR											
Warrant	NL0012478093	BUND 155.2SPLOPENG	EUR											
Warrant	NL0012821110	BUND 156.9SPLOPENG	EUR											
Warrant	NL0012824684	BUND 157.9SPLOPENG	EUR											
Warrant	NL0012821763	BUND 160.8SPSOPENG	EUR											
Warrant	NL0012463145	BUND 161.2SPSOPENG	EUR											
Warrant	NL0012466403	BUND 162.8SPSOPENG	EUR	1,8300	1,8300	1,8300	2745,0000	1	1,8300	1500				
Warrant	NL0012821771	BUND 163.8SPSOPENG	EUR											
Warrant	NL0012825392	BUND 165.5SPSOPENG	EUR											
Warrant	NL0009904192	CAC40 2380SPLOPENG	EUR											
Warrant	NL0010085486	CAC40 2540SPLOPENG	EUR											
Warrant	NL0010205258	CAC40 2890SPLOPENG	EUR											
Warrant	NL0010218921	CAC40 3080SPLOPENG	EUR											
Warrant	NL0010466389	CAC40 3310SPLOPENG	EUR											
Warrant	NL0011618087	CAC40 3336SPLOPENG	EUR											
Warrant	NL0010677837	CAC40 3413SPLOPENG	EUR											
Warrant	NL0010677829	CAC40 3497SPLOPENG	EUR											
Warrant	NL0011618186	CAC40 3540SPLOPENG	EUR											
Warrant	NL0011618939	CAC40 3575SPLOPENG	EUR											
Warrant	NL0011619887	CAC40 3655SPLOPENG	EUR											
Warrant	NL0011620273	CAC40 3780SPLOPENG	EUR											
Warrant	NL0011845045	CAC40 3898SPLOPENG	EUR											
Warrant	NL0011847660	CAC40 3900SPLOPENG	EUR											
Warrant	NL0011848221	CAC40 3982SPLOPENG	EUR											
Warrant	NL0011848106	CAC40 4030SPLOPENG	EUR											
Warrant	NL0011848213	CAC40 4067SPLOPENG	EUR											
Warrant	NL0011849195	CAC40 4155SPLOPENG	EUR											
Warrant	NL0011851258	CAC40 4160SPLOPENG	EUR											
Warrant	NL0011859897	CAC40 4243SPLOPENG	EUR											
Warrant	NL0011618194	CAC40 4300SPSOPENG	EUR											
Warrant	NL0011861695	CAC40 4333SPLOPENG	EUR											
Warrant	NL0011862362	CAC40 4426SPLOPENG	EUR											
Warrant	NL0011863147	CAC40 4430SPLOPENG	EUR											
Warrant	NL0011862933	CAC40 4520SPLOPENG	EUR											
Warrant	NL0012062426	CAC40 4570SPLOPENG	EUR											
Warrant	NL0012065635	CAC40 4616SPLOPENG	EUR											
Warrant	NL0012066963	CAC40 4714SPLOPENG	EUR											
Warrant	NL0012068712	CAC40 4720SPLOPENG	EUR											
Warrant	NL0012069389	CAC40 4814SPLOPENG	EUR											
Warrant	NL0012070700	CAC40 4860SPLOPENG	EUR											
Warrant	NL0012834113	CAC40 4910SPLOPENG	EUR											
Warrant	NL0012070510	CAC40 4911SPLOPENG	EUR											
Warrant	NL0012834840	CAC40 5007SPLOPENG	EUR											
Warrant	NL0012478473	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012478606	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012479828	CAC40 5110SPLOPENG	EUR											
Warrant	NL0012833602	CAC40 5119SPSOPENG	EUR											
Warrant	NL0012480578	CAC40 5160SPLOPENG	EUR											
Warrant	NL0012833503	CAC40 5212SPSOPENG	EUR											
Warrant	NL0012480487	CAC40 5215SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825624	CAC40 5310SPLOPENG	EUR											
Warrant	NL0011212071	CAC40 5310SPSOPENG	EUR											
Warrant	NL0012824171	CAC40 5314SPLOPENG	EUR											
Warrant	NL0012828107	CAC40 5319SPLOPENG	EUR											
Warrant	NL0012832463	CAC40 5319SPSOPENG	EUR											
Warrant	NL0012830863	CAC40 5321SPLOPENG	EUR											
Warrant	NL0012063440	CAC40 5353SPSOPENG	EUR											
Warrant	NL0012832471	CAC40 5427SPSOPENG	EUR											
Warrant	NL0012828941	CAC40 5465SPSOPENG	EUR											
Warrant	NL0012827398	CAC40 5473SPSOPENG	EUR											
Warrant	NL0012076624	CAC40 5520SPSOPENG	EUR											
Warrant	NL0012462097	CAC40 5538SPSOPENG	EUR											
Warrant	NL0012464515	CAC40 5652SPSOPENG	EUR											
Warrant	NL0012465421	CAC40 5660SPSOPENG	EUR											
Warrant	NL0012464523	CAC40 5769SPSOPENG	EUR											
Warrant	NL0012819882	CAC40 5840SPSOPENG	EUR											
Warrant	NL0012818678	CAC40 5886SPSOPENG	EUR											
Warrant	NL0012820229	CAC40 6006SPSOPENG	EUR											
Warrant	DE000CV8AM37	CATER 140C 0319Z	EUR	0,0660	0,0840	0,0660			0,0840					
Warrant	DE000CV8AM29	CATER 140C 1218Z	EUR	0,0120	0,0170	0,0120			0,0170					
Warrant	DE000CV8AK05	CATER 160C 0319Z	EUR	0,0150	0,0200	0,0150			0,0200					
Warrant	NL0012834097	CEVA 22SPLOPENG	EUR	8,7700	8,7700	8,7700			8,7700					
Warrant	NL0012824304	CFOUR 8.1SPLOPENG	EUR	9,2700	9,2800	9,2700			9,2800					
Warrant	NL0012467880	CFOUR 11.8SPLOPENG	EUR	5,7800	5,7900	5,7800			5,7900					
Warrant	NL0012830400	CFOUR 12.1SPLOPENG	EUR	5,5800	5,5900	5,5800			5,5900					
Warrant	NL0010690061	QISCO 19.7SPLOPENG	EUR	25,3500	25,3500	25,3500			25,3500					
Warrant	DE000CV8AK21	COCA 48C 1218Z	EUR	0,2650	0,2850	0,2650			0,2850					
Warrant	DE000CJ3N9T4	COCA 50C 0319Z	EUR	0,2150	0,2250	0,2150			0,2250					
Warrant	DE000CJ3N9S6	COCA 45.5C 0319Z	EUR	0,7450	0,7550	0,7450			0,7550					
Warrant	DE000CV895R9	COLRT 45C 1218Z	EUR	2,3350	2,3700	2,3350			2,3700					
Warrant	DE000CJ3N9E6	COLRT 54C 0319Z	EUR	0,8850	0,9100	0,8850			0,9100					
Warrant	DE000CV8AMM3	COLRT 55C 1218Z	EUR	0,5800	0,5900	0,5800			0,5900					
Warrant	DE000CV8AMN1	COLRT 60C 0319Z	EUR	0,2950	0,3050	0,2950			0,3050					
Warrant	DE000CJ3P042	COLRT 60C 0619Z	EUR	0,4900	0,4950	0,4900			0,4950					
Warrant	NL0009902550	CRBN 4SPLOPENG	EUR	22,5000	22,5000	22,1600			22,1600					
Warrant	NL0012064638	CRBN 21SPLOPENG	EUR	7,0600	7,0600	6,7200			6,7200					
Warrant	NL0012068985	CRBN 23SPLOPENG	EUR	5,2000	5,2000	4,8600			4,8600					
Warrant	NL0010095485	CRBN 6.9SPLOPENG	EUR	19,8500	19,8500	19,5100			19,5100					
Warrant	NL0010830915	CRBN 7.9SPLOPENG	EUR	18,9600	18,9600	18,6200			18,6200					
Warrant	NL0010963047	CRBN 10.1SPLOPENG	EUR	16,9300	16,9300	16,5900			16,5900					
Warrant	NL0011020557	CRBN 11.4SPLOPENG	EUR	15,7900	15,7900	15,4500			15,4500					
Warrant	NL0011027339	CRBN 12.7SPLOPENG	EUR	14,5300	14,5300	14,1900			14,1900					
Warrant	NL0011211339	CRBN 14.3SPLOPENG	EUR	13,1600	13,1600	12,8200			12,8200					
Warrant	NL0011301106	CRBN 15.8SPLOPENG	EUR	11,7700	11,7700	11,4300			11,4300					
Warrant	NL0011844048	CRBN 17.4SPLOPENG	EUR	10,3300	10,3300	9,9900			9,9900					
Warrant	NL0011861935	CRBN 19.1SPLOPENG	EUR	8,7600	8,7600	8,4200			8,4200					
Warrant	NL0012819387	CRBN 25.1SPLOPENG	EUR											
Warrant	NL0012824106	CRBN 27.3SPLOPENG	EUR											
Warrant	NL0012074470	CRBN 29.8SPSOPENG	EUR	7,2700	7,5300	7,2700			7,5300					
Warrant	NL0006427155	DAX 3930SPLOPENG	EUR											
Warrant	NL0009105154	DAX 5030SPLOPENG	EUR											
Warrant	NL0009111020	DAX 5650SPLOPENG	EUR											
Warrant	NL0009881242	DAX 6170SPLOPENG	EUR											
Warrant	NL0009904523	DAX 6480SPLOPENG	EUR											
Warrant	NL0010086088	DAX 7150SPLOPENG	EUR											
Warrant	NL0010215034	DAX 7512SPLOPENG	EUR											
Warrant	NL0010203725	DAX 7590SPLOPENG	EUR											
Warrant	NL0010214672	DAX 7659SPLOPENG	EUR											
Warrant	NL0010215646	DAX 7890SPLOPENG	EUR											
Warrant	NL0010216016	DAX 8050SPLOPENG	EUR											
Warrant	NL0010215976	DAX 8128SPLOPENG	EUR											
Warrant	NL0010359915	DAX 8250SPLOPENG	EUR											
Warrant	NL0010360764	DAX 8370SPLOPENG	EUR											
Warrant	NL0010360830	DAX 8373SPLOPENG	EUR											
Warrant	NL0010466132	DAX 8499SPLOPENG	EUR											
Warrant	NL0010465514	DAX 8540SPLOPENG	EUR											
Warrant	NL0010467742	DAX 8627SPLOPENG	EUR											
Warrant	NL0010468914	DAX 8710SPLOPENG	EUR											
Warrant	NL0010468906	DAX 8756SPLOPENG	EUR											
Warrant	NL0010526083	DAX 8887SPLOPENG	EUR											
Warrant	NL0010526406	DAX 8890SPLOPENG	EUR											
Warrant	NL0010829685	DAX 9060SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010829842	DAX 9112SPLOPENG	EUR											
Warrant	NL0011619531	DAX 9160SPLOPENG	EUR											
Warrant	NL0011619929	DAX 9249SPLOPENG	EUR											
Warrant	NL0011620596	DAX 9322SPLOPENG	EUR											
Warrant	NL0011619523	DAX 9340SPLOPENG	EUR											
Warrant	NL0011619911	DAX 9342SPLOPENG	EUR											
Warrant	NL0011619903	DAX 9389SPLOPENG	EUR	19,9400	19,9600	19,4500	22648,0000	28	19,4500	1150				
Warrant	NL0011619895	DAX 9436SPLOPENG	EUR											
Warrant	NL0011620414	DAX 9530SPLOPENG	EUR											
Warrant	NL0011620281	DAX 9530SPLOPENG	EUR											
Warrant	NL0011622576	DAX 9578SPLOPENG	EUR											
Warrant	NL0011847223	DAX 9620SPLOPENG	EUR											
Warrant	NL0011845078	DAX 9626SPLOPENG	EUR											
Warrant	NL0011847272	DAX 9674SPLOPENG	EUR											
Warrant	NL0011847215	DAX 9720SPLOPENG	EUR											
Warrant	NL0011847264	DAX 9722SPLOPENG	EUR											
Warrant	NL0011847793	DAX 9770SPLOPENG	EUR											
Warrant	NL0011847785	DAX 9819SPLOPENG	EUR											
Warrant	NL0011847777	DAX 9868SPLOPENG	EUR											
Warrant	NL0011847678	DAX 9910SPLOPENG	EUR											
Warrant	NL0011847769	DAX 9918SPLOPENG	EUR											
Warrant	NL0011848254	DAX 9967SPLOPENG	EUR											
Warrant	NL0011848247	DAX 10067SPLOPENG	EUR											
Warrant	NL0011848114	DAX 10110SPLOPENG	EUR											
Warrant	NL0011848239	DAX 10117SPLOPENG	EUR											
Warrant	NL0011848486	DAX 10168SPLOPENG	EUR											
Warrant	NL0011848858	DAX 10210SPLOPENG	EUR											
Warrant	NL0011848601	DAX 10219SPLOPENG	EUR											
Warrant	NL0011849203	DAX 10270SPLOPENG	EUR											
Warrant	NL0011849393	DAX 10372SPLOPENG	EUR											
Warrant	NL0011851779	DAX 10404SPLOPENG	EUR											
Warrant	NL0011849765	DAX 10420SPLOPENG	EUR											
Warrant	NL0011849559	DAX 10424SPLOPENG	EUR											
Warrant	NL0011853676	DAX 10456SPLOPENG	EUR											
Warrant	NL0011853734	DAX 10460SPLOPENG	EUR											
Warrant	NL0011849542	DAX 10476SPLOPENG	EUR											
Warrant	NL0011853858	DAX 10508SPLOPENG	EUR											
Warrant	NL0011859285	DAX 10520SPLOPENG	EUR											
Warrant	NL0011859301	DAX 10528SPLOPENG	EUR											
Warrant	NL0011859947	DAX 10580SPLOPENG	EUR											
Warrant	NL0011859939	DAX 10686SPLOPENG	EUR											
Warrant	NL0011859582	DAX 10730SPLOPENG	EUR											
Warrant	NL0011862131	DAX 10739SPLOPENG	EUR	6,3200	6,3200	6,0600	12380,0000	2	6,0600	2000				
Warrant	NL0011862123	DAX 10793SPLOPENG	EUR											
Warrant	NL0011862396	DAX 10956SPLOPENG	EUR	4,1100	4,1100	4,1100	411,0000	1	4,1100	100				
Warrant	NL0012836183	DAX 10960SPLOPENG	EUR											
Warrant	NL0011862388	DAX 11010SPLOPENG	EUR	3,9700	3,9700	3,1700	7041,3000	5	3,1900	2178				
Warrant	NL0011862834	DAX 11060SPLOPENG	EUR											
Warrant	NL0011862370	DAX 11062SPLOPENG	EUR											
Warrant	NL0011862768	DAX 11103SPLOPENG	EUR											
Warrant	NL0012834139	DAX 11117SPLOPENG	EUR											
Warrant	NL0011862750	DAX 11158SPLOPENG	EUR											
Warrant	NL0012834121	DAX 11172SPLOPENG	EUR											
Warrant	NL0011862958	DAX 11213SPLOPENG	EUR											
Warrant	NL0012834725	DAX 11228SPLOPENG	EUR											
Warrant	NL0011863154	DAX 11260SPLOPENG	EUR											
Warrant	NL0011862941	DAX 11268SPLOPENG	EUR											
Warrant	NL0012834865	DAX 11282SPLOPENG	EUR											
Warrant	NL0012061535	DAX 11325SPLOPENG	EUR											
Warrant	NL0012834857	DAX 11337SPLOPENG	EUR											
Warrant	NL0012062004	DAX 11370SPLOPENG	EUR											
Warrant	NL0012061527	DAX 11381SPLOPENG	EUR											
Warrant	NL0012061659	DAX 11438SPLOPENG	EUR											
Warrant	NL0012834089	DAX 11484SPLOPENG	EUR											
Warrant	NL0012063580	DAX 11490SPLOPENG	EUR											
Warrant	NL0012062251	DAX 11491SPLOPENG	EUR											
Warrant	NL0012832935	DAX 11495SPLOPENG	EUR											
Warrant	NL0012835573	DAX 11520SPLOPENG	EUR	1,8200	2,7500	1,8200	38444,3000	9	2,6800	16530				
Warrant	NL0012833610	DAX 11540SPLOPENG	EUR											
Warrant	NL0012062400	DAX 11547SPLOPENG	EUR											
Warrant	NL0012833628	DAX 11596SPLOPENG	EUR											
Warrant	NL0012064547	DAX 11600SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012833511	DAX 11654SPSOPENG	EUR											
Warrant	NL0012834030	DAX 11660SPSOPENG	EUR											
Warrant	NL0012062533	DAX 11663SPLOPENG	EUR											
Warrant	NL0012833529	DAX 11695SPSOPENG	EUR											
Warrant	NL0012065023	DAX 11720SPLOPENG	EUR											
Warrant	NL0012063010	DAX 11721SPLOPENG	EUR											
Warrant	NL0012833537	DAX 11754SPSOPENG	EUR											
Warrant	NL0012064836	DAX 11779SPLOPENG	EUR											
Warrant	NL0012832489	DAX 11786SPSOPENG	EUR											
Warrant	NL0012833545	DAX 11813SPSOPENG	EUR											
Warrant	NL0012478069	DAX 11838SPLOPENG	EUR											
Warrant	NL0012065841	DAX 11840SPLOPENG	EUR											
Warrant	NL0012832497	DAX 11872SPSOPENG	EUR											
Warrant	NL0012478648	DAX 11881SPLOPENG	EUR											
Warrant	NL0012830210	DAX 11897SPLOPENG	EUR											
Warrant	NL0012833321	DAX 11900SPSOPENG	EUR											
Warrant	NL0012478630	DAX 11940SPLOPENG	EUR											
Warrant	NL0012822852	DAX 11940SPLOPENG	EUR											
Warrant	NL0012830517	DAX 11956SPLOPENG	EUR											
Warrant	NL0012832505	DAX 11992SPSOPENG	EUR											
Warrant	NL0012478622	DAX 11998SPLOPENG	EUR											
Warrant	NL0012830657	DAX 12016SPLOPENG	EUR											
Warrant	NL0012833339	DAX 12020SPSOPENG	EUR											
Warrant	NL0012478614	DAX 12058SPLOPENG	EUR											
Warrant	NL0012822845	DAX 12060SPLOPENG	EUR											
Warrant	NL0012830640	DAX 12076SPLOPENG	EUR											
Warrant	NL0012479331	DAX 12118SPLOPENG	EUR											
Warrant	NL0012830632	DAX 12136SPLOPENG	EUR											
Warrant	NL0012822837	DAX 12160SPLOPENG	EUR											
Warrant	NL0012823447	DAX 12167SPLOPENG	EUR											
Warrant	NL0012828958	DAX 12169SPSOPENG	EUR											
Warrant	NL0012827778	DAX 12178SPLOPENG	EUR											
Warrant	NL0012829204	DAX 12180SPSOPENG	EUR											
Warrant	NL0012823439	DAX 12228SPLOPENG	EUR											
Warrant	NL0012828966	DAX 12229SPSOPENG	EUR											
Warrant	NL0012828347	DAX 12239SPLOPENG	EUR											
Warrant	NL0012823884	DAX 12280SPLOPENG	EUR											
Warrant	NL0012823645	DAX 12289SPLOPENG	EUR											
Warrant	NL0012828974	DAX 12290SPSOPENG	EUR											
Warrant	NL0012829212	DAX 12310SPSOPENG	EUR											
Warrant	NL0012824585	DAX 12349SPLOPENG	EUR											
Warrant	NL0012828982	DAX 12351SPSOPENG	EUR											
Warrant	NL0012824924	DAX 12400SPLOPENG	EUR											
Warrant	NL0012824577	DAX 12410SPLOPENG	EUR											
Warrant	NL0012828990	DAX 12413SPSOPENG	EUR											
Warrant	NL0012829006	DAX 12420SPSOPENG	EUR											
Warrant	NL0012824569	DAX 12472SPLOPENG	EUR											
Warrant	NL0012829014	DAX 12482SPSOPENG	EUR											
Warrant	NL0012827406	DAX 12495SPSOPENG	EUR											
Warrant	NL0012825681	DAX 12527SPLOPENG	EUR											
Warrant	NL0012825632	DAX 12530SPLOPENG	EUR											
Warrant	NL0012829022	DAX 12545SPSOPENG	EUR											
Warrant	NL0012067300	DAX 12577SPSOPENG	EUR											
Warrant	NL0011194345	DAX 12600SPSOPENG	EUR											
Warrant	NL0012829030	DAX 12608SPSOPENG	EUR											
Warrant	NL0012067656	DAX 12640SPSOPENG	EUR											
Warrant	NL0012826762	DAX 12672SPSOPENG	EUR											
Warrant	NL0012826770	DAX 12735SPSOPENG	EUR											
Warrant	NL0012822233	DAX 12799SPSOPENG	EUR											
Warrant	NL0012822241	DAX 12864SPSOPENG	EUR											
Warrant	NL0012822258	DAX 12928SPSOPENG	EUR											
Warrant	NL0012822266	DAX 12993SPSOPENG	EUR											
Warrant	NL0012826283	DAX 13030SPSOPENG	EUR											
Warrant	NL0012471874	DAX 13059SPSOPENG	EUR											
Warrant	NL0012471882	DAX 13124SPSOPENG	EUR											
Warrant	NL0012471890	DAX 13190SPSOPENG	EUR											
Warrant	NL0012471270	DAX 13255SPSOPENG	EUR											
Warrant	NL0012820351	DAX 13290SPSOPENG	EUR											
Warrant	NL0012471288	DAX 13321SPSOPENG	EUR											
Warrant	NL0012463533	DAX 13387SPSOPENG	EUR											
Warrant	NL0012464242	DAX 13430SPSOPENG	EUR											
Warrant	NL0012464150	DAX 13454SPSOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012464168	DAX 13522SPSOPENG	EUR											
Warrant	NL0012464564	DAX 13589SPSOPENG	EUR											
Warrant	NL0012464572	DAX 13657SPSOPENG	EUR											
Warrant	NL0012464580	DAX 13725SPSOPENG	EUR											
Warrant	NL0012470082	DAX 13794SPSOPENG	EUR											
Warrant	NL0012470439	DAX 13830SPSOPENG	EUR											
Warrant	NL0012470744	DAX 13864SPSOPENG	EUR											
Warrant	NL0012470751	DAX 13933SPSOPENG	EUR											
Warrant	NL0012470769	DAX 14003SPSOPENG	EUR											
Warrant	NL0012823892	DAX 14110SPSOPENG	EUR											
Warrant	NL0012823090	DBANK 9SPLOPENG	EUR											
Warrant	NL0011615497	DBANK 18SPSOPENG	EUR	11,3300	11,4800	11,3300			11,4800					
Warrant	NL0011855648	DBANK 5.9SPLOPENG	EUR	3,4100	3,4100	3,2400	1023,0000	1		300	3,2400			
Warrant	NL0011850193	DBANK 7.4SPLOPENG	EUR	2,0300	2,0300	1,8800			1,8800					
Warrant	NL0011856216	DBANK 8.3SPLOPENG	EUR											
Warrant	NL0012824122	DBANK 9.8SPLOPENG	EUR											
Warrant	NL0012826192	DBANK 10.7SPLOPENG	EUR											
Warrant	NL0012820658	DBANK 11.2SPSOPENG	EUR	3,8300	3,9700	3,8300			3,9700					
Warrant	NL0012477798	DBANK 12.6SPSOPENG	EUR	5,3800	5,5300	5,3800			5,5300					
Warrant	NL0012476329	DBANK 14.2SPSOPENG	EUR	7,1400	7,2800	7,1400			7,2800					
Warrant	DE000CV8AJK3	DDD 13C 1218Z	EUR	0,6250	0,6750	0,6250			0,6750					
Warrant	DE000CV8AJL1	DDD 14C 0319Z	EUR	1,2250	1,2750	1,2250			1,2750					
Warrant	DE000CV8AM11	DDD 14C 1218Z	EUR	0,3450	0,3750	0,3450			0,3750					
Warrant	DE000CV8ASL2	DDD 18C 1218Z	EUR	0,0500	0,0510	0,0500			0,0510					
Warrant	DE000CV8ASN8	DDD 19C 0319Z	EUR	0,3750	0,4050	0,3750			0,4050					
Warrant	DE000CV8ASMO	DDD 20C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	NL0009878198	DJBKS 85SPLOPENG	EUR	6,4600	6,4600	6,3600			6,3600					
Warrant	NL0011849096	DJBKS 101SPLOPENG	EUR	5,0000	5,0000	4,9000			4,9000					
Warrant	NL0011851290	DJBKS 109SPLOPENG	EUR	4,1800	4,1800	4,0800			4,0800					
Warrant	NL0011853098	DJBKS 119SPLOPENG	EUR	3,2900	3,2900	3,2000			3,2000					
Warrant	NL0011857883	DJBKS 129SPLOPENG	EUR	2,3500	2,3500	2,2500			2,2500					
Warrant	NL0011862883	DJBKS 139SPLOPENG	EUR											
Warrant	NL0012064588	DJBKS 151SPLOPENG	EUR											
Warrant	NL0011359484	DJBKS 188SPSOPENG	EUR											
Warrant	NL0010601126	DJBKS 191SPSOPENG	EUR	5,3400	5,4400	5,3400			5,4400					
Warrant	NL0011208228	DJBKS 201SPSOPENG	EUR	6,4600	6,5500	6,4600			6,5500					
Warrant	NL0011304696	DJBKS 213SPSOPENG	EUR	7,6200	7,7100	7,6200			7,7100					
Warrant	NL0006429060	DJIIND 5690SPLOPENG	EUR	171,5000	171,5000	171,5000			171,5000					
Warrant	NL0009112192	DJIIND 7730SPLOPENG	EUR	153,9700	153,9700	153,9700			153,9700					
Warrant	NL0009371376	DJIIND 8990SPLOPENG	EUR	143,0700	143,0700	143,0700			143,0700					
Warrant	NL0009881259	DJIIND 9410SPLOPENG	EUR	139,4700	139,4700	139,4700			139,4700					
Warrant	NL0009882273	DJIIND10290SPLOPENG	EUR	131,8700	131,8700	131,8700			131,8700					
Warrant	NL0010103719	DJIIND11630SPLOPENG	EUR	120,3200	120,3200	120,3200			120,3200					
Warrant	NL0010348173	DJIIND13080SPLOPENG	EUR	107,7700	107,7700	107,7700			107,7700					
Warrant	NL0010353702	DJIIND13839SPLOPENG	EUR	97,6300	97,6300	97,6300			97,6300					
Warrant	NL0010543880	DJIIND14661SPLOPENG	EUR	90,3600	90,3600	90,3600			90,3600					
Warrant	NL0010544607	DJIIND15000SPLOPENG	EUR	87,3600	87,3600	87,3600			87,3600					
Warrant	NL0010544268	DJIIND15030SPLOPENG	EUR	91,0300	91,0300	91,0300			91,0300					
Warrant	NL0010586087	DJIIND15345SPLOPENG	EUR	84,3000	84,3000	84,3000			84,3000					
Warrant	NL0011363775	DJIIND15430SPLOPENG	EUR	83,5500	83,5500	83,5500			83,5500					
Warrant	NL0011363767	DJIIND15515SPLOPENG	EUR	82,8000	82,8000	82,8000			82,8000					
Warrant	NL0011619937	DJIIND15616SPLOPENG	EUR	81,9000	81,9000	81,9000			81,9000					
Warrant	NL0011620034	DJIIND15718SPLOPENG	EUR	81,0000	81,0000	81,0000			81,0000					
Warrant	NL0011620422	DJIIND15923SPLOPENG	EUR	79,1900	79,1900	79,1900			79,1900					
Warrant	NL0011620620	DJIIND16134SPLOPENG	EUR	77,3100	77,3100	77,3100			77,3100					
Warrant	NL0011621891	DJIIND16344SPLOPENG	EUR	75,4600	75,4600	75,4600			75,4600					
Warrant	NL0011622196	DJIIND16380SPLOPENG	EUR	79,4000	79,4000	79,4000			79,4000					
Warrant	NL0011622584	DJIIND16450SPLOPENG	EUR	74,5200	74,5200	74,5200			74,5200					
Warrant	NL0011491006	DJIIND16635SPSOPENG	EUR											
Warrant	NL0011623731	DJIIND16664SPLOPENG	EUR	72,6300	72,6300	72,6300			72,6300					
Warrant	NL0011622311	DJIIND16730SPLOPENG	EUR	76,3500	76,3500	76,3500			76,3500					
Warrant	NL0011624143	DJIIND16771SPLOPENG	EUR	71,6800	71,6800	71,6800			71,6800					
Warrant	NL0011625207	DJIIND16880SPLOPENG	EUR	70,7200	70,7200	70,7200			70,7200					
Warrant	NL0011625454	DJIIND16989SPLOPENG	EUR	69,7500	69,7500	69,7500			69,7500					
Warrant	NL0011625512	DJIIND17090SPLOPENG	EUR	73,2500	73,2500	73,2500			73,2500					
Warrant	NL0011625827	DJIIND17099SPLOPENG	EUR	68,7800	68,7800	68,7800			68,7800					
Warrant	NL0011626106	DJIIND17320SPLOPENG	EUR	66,8200	66,8200	66,8200			66,8200					
Warrant	NL0011634209	DJIIND17350SPLOPENG	EUR											
Warrant	NL0011845680	DJIIND17542SPLOPENG	EUR	64,9000	64,9000	64,9000			64,9000					
Warrant	NL0011846043	DJIIND17768SPLOPENG	EUR	62,9100	62,9100	62,9100			62,9100					
Warrant	NL0011845953	DJIIND17830SPLOPENG	EUR	66,9100	66,9100	66,9100			66,9100					
Warrant	NL0011847819	DJIIND17880SPLOPENG	EUR	61,9300	61,9300	61,9300			61,9300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011847801	DJIND179945SPLOPENG	EUR	60,9200	60,9200	60,9200			60,9200					
Warrant	NL0011849211	DJIND180975SPLOPENG	EUR											
Warrant	NL0011848262	DJIND181095SPLOPENG	EUR	59,9200	59,9200	59,9200			59,9200					
Warrant	NL0011859608	DJIND182005SPLOPENG	EUR	63,7100	63,7100	63,7100			63,7100					
Warrant	NL0011852363	DJIND182055SPLOPENG	EUR											
Warrant	NL0011859962	DJIND183355SPLOPENG	EUR	57,9400	57,9400	57,9400			57,9400					
Warrant	NL0011859954	DJIND184515SPLOPENG	EUR	56,9100	56,9100	56,9100			56,9100					
Warrant	NL0011859590	DJIND185805SPLOPENG	EUR	60,4100	60,4100	60,4100			60,4100					
Warrant	NL0011860150	DJIND186855SPLOPENG	EUR	54,8400	54,8400	54,8400			54,8400					
Warrant	NL0011861083	DJIND188035SPLOPENG	EUR	53,7900	53,7900	53,7900			53,7900					
Warrant	NL0011028774	DJIND188345SPLOPENG	EUR											
Warrant	NL0011861471	DJIND189225SPLOPENG	EUR	52,7400	52,7400	52,7400			52,7400					
Warrant	NL0011861463	DJIND190415SPLOPENG	EUR	51,6900	51,6900	51,6900			51,6900					
Warrant	NL0011862792	DJIND191575SPLOPENG	EUR	50,6600	50,6600	50,6600			50,6600					
Warrant	NL0011862784	DJIND192775SPLOPENG	EUR	49,6000	49,6000	49,6000			49,6000					
Warrant	NL0011862271	DJIND193705SPLOPENG	EUR	53,6200	53,6200	53,6200			53,6200					
Warrant	NL0011862776	DJIND193995SPLOPENG	EUR	48,5200	48,5200	48,5200			48,5200					
Warrant	NL0012061923	DJIND196435SPLOPENG	EUR	46,3600	46,3600	46,3600			46,3600					
Warrant	NL0012063457	DJIND197675SPLOPENG	EUR	45,2700	45,2700	45,2700			45,2700					
Warrant	NL0012064554	DJIND197705SPLOPENG	EUR	50,1300	50,1300	50,1300			50,1300					
Warrant	NL0012065452	DJIND200165SPLOPENG	EUR	43,0600	43,0600	43,0600			43,0600					
Warrant	NL0012065650	DJIND201415SPLOPENG	EUR	41,9500	41,9500	41,9500			41,9500					
Warrant	NL0012066070	DJIND203945SPLOPENG	EUR	39,7100	39,7100	39,7100			39,7100					
Warrant	NL0012069199	DJIND206005SPLOPENG	EUR	42,9700	42,9700	42,9700			42,9700					
Warrant	NL0012066369	DJIND206505SPLOPENG	EUR	37,4500	37,4500	37,4500			37,4500					
Warrant	NL0012066534	DJIND207795SPLOPENG	EUR	36,3400	36,3400	36,3400			36,3400					
Warrant	NL0012070957	DJIND209085SPLOPENG	EUR	35,1600	35,1600	35,1600			35,1600					
Warrant	NL0012073720	DJIND210385SPLOPENG	EUR	34,0100	34,0100	34,0100			34,0100					
Warrant	NL0012074074	DJIND212985SPLOPENG	EUR	31,7100	31,7100	31,7100			31,7100					
Warrant	NL0012076061	DJIND214245SPLOPENG	EUR	30,6000	30,6000	30,6000			30,6000					
Warrant	NL0012074108	DJIND214605SPLOPENG	EUR	35,5900	35,5900	35,5900			35,5900					
Warrant	NL0012076566	DJIND215565SPLOPENG	EUR	29,4200	29,4200	29,4200			29,4200					
Warrant	NL0012077093	DJIND216905SPLOPENG	EUR	28,2800	28,2800	28,2800			28,2800					
Warrant	NL0012077481	DJIND218245SPLOPENG	EUR	27,0600	27,0600	27,0600			27,0600					
Warrant	NL0012079925	DJIND219005SPLOPENG	EUR	31,8000	31,8000	31,8000			31,8000					
Warrant	NL0012077473	DJIND219595SPLOPENG	EUR	25,8700	25,8700	25,8700			25,8700					
Warrant	NL0012080774	DJIND220945SPLOPENG	EUR	24,6600	24,6600	24,6600			24,6600					
Warrant	NL0012081160	DJIND222305SPLOPENG	EUR	23,4600	23,4600	23,4600			23,4600					
Warrant	NL0012081004	DJIND223505SPLOPENG	EUR	27,9300	27,9300	27,9300			27,9300					
Warrant	NL0012462592	DJIND226435SPLOPENG	EUR	19,8100	19,8100	19,8100			19,8100					
Warrant	NL0012463228	DJIND227835SPLOPENG	EUR	18,5600	18,5600	18,5600			18,5600					
Warrant	NL0012463749	DJIND228005SPLOPENG	EUR	24,0000	24,0000	24,0000			24,0000					
Warrant	NL0012463541	DJIND229275SPLOPENG	EUR	17,2900	17,2900	17,2900			17,2900					
Warrant	NL0012463699	DJIND230685SPLOPENG	EUR	16,0500	16,0500	16,0500			16,0500					
Warrant	NL0012463681	DJIND232095SPLOPENG	EUR	14,7900	15,3000	14,7600	1563,1200	2	15,3000	104				
Warrant	NL0012464929	DJIND233525SPLOPENG	EUR	13,5300	13,5300	13,5300			13,5300					
Warrant	NL0012466536	DJIND234955SPLOPENG	EUR	12,2700	12,2700	12,2700			12,2700					
Warrant	NL0012466528	DJIND236395SPLOPENG	EUR	10,9900	10,9900	10,9900			10,9900					
Warrant	NL0012472948	DJIND237405SPLOPENG	EUR	15,9400	15,9400	15,9400			15,9400					
Warrant	NL0012819213	DJIND237825SPLOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0012819205	DJIND239275SPLOPENG	EUR	8,4500	8,4500	8,4500			8,4500					
Warrant	NL0012819197	DJIND240725SPLOPENG	EUR	7,1600	8,1000	6,7500	13896,5000	9	8,0000	1825				
Warrant	NL0012822860	DJIND241505SPLOPENG	EUR											
Warrant	NL0012823967	DJIND243485SPLOPENG	EUR											
Warrant	NL0012824189	DJIND244925SPLOPENG	EUR											
Warrant	NL0012834758	DJIND245005SPLOPENG	EUR											
Warrant	NL0012824593	DJIND246325SPLOPENG	EUR											
Warrant	NL0012823900	DJIND246405SPLOPENG	EUR											
Warrant	NL0012834741	DJIND246475SPLOPENG	EUR											
Warrant	NL0012825582	DJIND247805SPLOPENG	EUR											
Warrant	NL0012834733	DJIND247955SPLOPENG	EUR											
Warrant	NL0012825699	DJIND249215SPLOPENG	EUR											
Warrant	NL0012834873	DJIND249345SPLOPENG	EUR											
Warrant	NL0012827794	DJIND250485SPLOPENG	EUR											
Warrant	NL0012826101	DJIND250605SPLOPENG	EUR											
Warrant	NL0012832943	DJIND250725SPLOPENG	EUR											
Warrant	NL0012835136	DJIND250845SPLOPENG	EUR											
Warrant	NL0012827471	DJIND251305SPLOPENG	EUR											
Warrant	NL0012835896	DJIND251405SPLOPENG	EUR	2,9400	2,9400	1,8800	3195,0000	4	1,8800	1400				
Warrant	NL0012827786	DJIND251995SPLOPENG	EUR											
Warrant	NL0012835128	DJIND252445SPLOPENG	EUR											
Warrant	NL0012828362	DJIND253505SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012835904	DJIND25444SPSOPENG	EUR	5,6300	5,6300	5,6300			5,6300					
Warrant	NL0012828354	DJIND25502SPLOPENG	EUR											
Warrant	NL0012828479	DJIND25640SPLOPENG	EUR											
Warrant	NL0012471965	DJIND25651SPSOPENG	EUR											
Warrant	NL0012830228	DJIND25653SPLOPENG	EUR											
Warrant	NL0012472534	DJIND25740SPSOPENG	EUR											
Warrant	NL0012471973	DJIND25752SPSOPENG	EUR											
Warrant	NL0012833636	DJIND25792SPSOPENG	EUR											
Warrant	NL0012830525	DJIND25807SPLOPENG	EUR											
Warrant	NL0012833644	DJIND25948SPSOPENG	EUR											
Warrant	NL0012830665	DJIND25961SPLOPENG	EUR											
Warrant	NL0012833354	DJIND26105SPSOPENG	EUR											
Warrant	NL0012831408	DJIND26117SPLOPENG	EUR											
Warrant	NL0012833362	DJIND26257SPSOPENG	EUR											
Warrant	NL0012469258	DJIND26308SPSOPENG	EUR											
Warrant	NL0012832950	DJIND26380SPSOPENG	EUR	13,9100	13,9100	13,0000	870,6500	2	13,0000	65				
Warrant	NL0012470108	DJIND26468SPSOPENG	EUR											
Warrant	NL0012832968	DJIND26540SPSOPENG	EUR	15,3300	15,3300	15,3300			15,3300					
Warrant	NL0012470116	DJIND26629SPSOPENG	EUR											
Warrant	NL0012832976	DJIND26701SPSOPENG	EUR	16,7600	16,7600	16,7600			16,7600					
Warrant	NL0012472542	DJIND26720SPSOPENG	EUR											
Warrant	NL0012470124	DJIND26792SPSOPENG	EUR											
Warrant	NL0012471312	DJIND26858SPSOPENG	EUR	18,1500	18,1500	18,1500			18,1500					
Warrant	NL0012471320	DJIND27022SPSOPENG	EUR	19,6000	19,6000	19,6000			19,6000					
Warrant	NL0012828511	DJIND27185SPSOPENG	EUR	21,0400	21,0400	21,0400			21,0400					
Warrant	NL0012470454	DJIND27220SPSOPENG	EUR	27,9000	27,9000	27,9000			27,9000					
Warrant	NL0012830533	DJIND27348SPSOPENG	EUR	22,4900	22,4900	22,4900			22,4900					
Warrant	NL0012830673	DJIND27513SPSOPENG	EUR	23,9500	23,9500	23,9500			23,9500					
Warrant	NL0012830681	DJIND27679SPSOPENG	EUR	25,4100	25,4100	25,4100			25,4100					
Warrant	NL0012470462	DJIND28330SPSOPENG	EUR	38,0900	38,3100	37,6500	189,5700	2	37,6500	5				
Warrant	NL0012063739	DSM 53SPLOPENG	EUR	24,1000	24,1000	23,5600			23,5600					
Warrant	NL0012464895	DSM 67SPLOPENG	EUR	14,4300	14,4300	13,8900			13,8900					
Warrant	NL0006422289	DSM 0.5SPLOPENG	EUR	76,3700	76,3700	75,8300			75,8300					
Warrant	NL0006428831	DSM 4.6SPLOPENG	EUR	72,5800	72,5800	72,0400			72,0400					
Warrant	NL0009231604	DSM 12.9SPLOPENG	EUR	64,8100	64,8100	64,2700			64,2700					
Warrant	NL0009232297	DSM 15.3SPLOPENG	EUR	62,6600	62,6600	62,1200			62,1200					
Warrant	NL0009234004	DSM 17.8SPLOPENG	EUR	60,3200	60,3200	59,7800			59,7800					
Warrant	NL0009367135	DSM 20.3SPLOPENG	EUR	57,9400	57,9400	57,4000			57,4000					
Warrant	NL0009881325	DSM 22.9SPLOPENG	EUR	55,5600	55,5600	55,0200			55,0200					
Warrant	NL0009906791	DSM 28.5SPLOPENG	EUR	50,2800	50,2800	49,7400			49,7400					
Warrant	NL0010212437	DSM 31.4SPLOPENG	EUR	47,6600	47,6600	47,1200			47,1200					
Warrant	NL0010215877	DSM 34.4SPLOPENG	EUR	44,8400	44,8400	44,3000			44,3000					
Warrant	NL0011624077	DSM 40.5SPLOPENG	EUR	36,6100	36,6100	36,0700			36,0700					
Warrant	NL0011629258	DSM 43.5SPLOPENG	EUR	36,3700	36,3700	35,8300			35,8300					
Warrant	NL0011846324	DSM 46.9SPLOPENG	EUR	33,2200	33,2200	32,6800			32,6800					
Warrant	NL0011848643	DSM 50.5SPLOPENG	EUR	29,8500	29,8500	29,3100			29,3100					
Warrant	NL0012068050	DSM 54.3SPLOPENG	EUR	26,2900	26,2900	25,7500			25,7500					
Warrant	NL0012833768	DSM 71.7SPLOPENG	EUR	1,0100	1,0100	0,8900	890,0000	1	0,9600	1000				
Warrant	NL0012819379	DSM 76.8SPLOPENG	EUR											
Warrant	NL0012833776	DSM 79.4SPSOPENG	EUR											
Warrant	NL0012826150	DSM 82.2SPLOPENG	EUR											
Warrant	NL0012832349	DSM 87.2SPSOPENG	EUR	1,8200	1,8200	1,8200			1,8200					
Warrant	NL0012828461	DSM 87.8SPLOPENG	EUR											
Warrant	NL0012831218	DSM 87.9SPLOPENG	EUR											
Warrant	NL0012826341	DSM 100.2SPSOPENG	EUR	2,4500	2,5000	2,4500			2,5000					
Warrant	NL0011373006	DSM 30.27SPLOPENG	EUR	46,8400	46,8400	46,3000			46,3000					
Warrant	NL0011011630	DSM 32.14SPLOPENG	EUR	44,9600	44,9600	44,4200			44,4200					
Warrant	NL0010683074	DSM 34.21SPLOPENG	EUR	42,9100	42,9100	42,3700			42,3700					
Warrant	NL0011843677	DSM 45.18SPLOPENG	EUR	31,9300	31,9300	31,3900			31,3900					
Warrant	NL0011847975	DSM 50.29SPLOPENG	EUR	26,8200	26,8200	26,2800			26,2800					
Warrant	NL0012065171	DSM 55.85SPLOPENG	EUR	21,2600	21,2600	20,7200			20,7200					
Warrant	NL0012067557	DSM 58.85SPLOPENG	EUR	18,3200	18,3200	17,1900	34,3800	1	17,7800	2				
Warrant	NL0011852975	DSM 60.46SPLOPENG	EUR											
Warrant	NL0012078612	DSM 61.91SPLOPENG	EUR	15,1900	15,1900	14,6500			14,6500					
Warrant	NL0012461933	DSM 65.12SPLOPENG	EUR	11,9900	11,9900	11,4500			11,4500					
Warrant	NL0012462915	DSM 68.48SPLOPENG	EUR	8,6500	8,6500	7,5000	124,0000	2	8,0800	15				
Warrant	NL0012464846	DSM 72.02SPLOPENG	EUR	5,0800	5,0800	4,2600	944,0000	3	4,5400	210				
Warrant	NL0012466197	DSM 75.61SPLOPENG	EUR											
Warrant	NL0012832851	DSM 79.39SPLOPENG	EUR											
Warrant	NL0012479679	DSM 79.45SPLOPENG	EUR											
Warrant	NL0012833909	DSM 81.13SPSOPENG	EUR											
Warrant	NL0012822670	DSM 83.48SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012832109	DSM 87.12SPSOPENG	EUR	1,1400	1,1900	1,1400			1,1900					
Warrant	NL0012826333	DSM 87.53SPSOPENG	EUR											
Warrant	NL0012830095	DSM 87.65SPSOPENG	EUR											
Warrant	NL0012824791	DSM 88.19SPSOPENG	EUR											
Warrant	NL0012819486	DSM 93.68SPSOPENG	EUR	17,2900	17,7900	17,2900			17,7900					
Warrant	NL0010939245	EBAY 6.55PSPENG	EUR	20,5700	20,5700	20,5700			20,5700					
Warrant	NL0011304332	EBAY 23.1SPSPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0010097705	ENGIE 7.1SPSPENG	EUR	6,1900	6,1900	6,0500			6,0500					
Warrant	NL0009766021	ENGIE 8.2SPSPENG	EUR	5,1300	5,1300	4,9900			4,9900					
Warrant	NL0012061410	ENGIE 8.8SPSPENG	EUR	4,6200	4,6200	4,4800			4,4800					
Warrant	NL0010217501	ENGIE 9.55PSPENG	EUR	3,9200	3,9200	3,7800			3,7800					
Warrant	NL0012075493	ENGIE 10.95PSPENG	EUR	2,6700	2,6700	2,5300			2,5300					
Warrant	NL0011204110	ENGIE 15.2SPSPENG	EUR	3,7900	3,9300	3,7900			3,9300					
Warrant	NL0011024393	ENX 27SPSPENG	EUR	26,0800	26,4300	26,0800			26,4300					
Warrant	NL0011371141	EON 4.65PSPENG	EUR	5,0600	5,0600	4,9200			4,9200					
Warrant	NL0011369756	EON 5.15PSPENG	EUR	4,6000	4,6000	4,4700			4,4700					
Warrant	NL0011373998	EON 5.65PSPENG	EUR	4,1200	4,1200	3,9900			3,9900					
Warrant	XS1748853030	ESTX STN0123B	EUR	90,4000	90,4000	90,0000			90,0000					
Warrant	XS1173152825	ESTX STN0220G	EUR	103,3600	103,3600	103,1800			103,1800					
Warrant	XS0914667166	ESTX STN0520G	EUR	110,1300	110,1300	109,8200			109,8200					
Warrant	XS1302980799	ESTX STN1020G	EUR	102,4500	102,4500	102,1200			102,1200					
Warrant	NL0006426546	ESTX 7705PSPENG	EUR											
Warrant	NL0006420747	ESTX 10905PSPENG	EUR											
Warrant	NL0009105162	ESTX 13805PSPENG	EUR											
Warrant	NL0009880137	ESTX 15805PSPENG	EUR											
Warrant	NL0010205019	ESTX 19305PSPENG	EUR											
Warrant	NL0010208005	ESTX 20605PSPENG	EUR											
Warrant	NL0010355285	ESTX 20745PSPENG	EUR											
Warrant	NL0010343927	ESTX 21905PSPENG	EUR											
Warrant	NL0010466157	ESTX 22385PSPENG	EUR											
Warrant	NL0010468385	ESTX 23215PSPENG	EUR											
Warrant	NL0010527826	ESTX 24075PSPENG	EUR											
Warrant	NL0010529566	ESTX 24505PSPENG	EUR											
Warrant	NL0010536975	ESTX 24955PSPENG	EUR											
Warrant	NL0011619572	ESTX 25305PSPENG	EUR											
Warrant	NL0011619945	ESTX 25515PSPENG	EUR											
Warrant	NL0011849229	ESTX 26345PSPENG	EUR											
Warrant	NL0011851480	ESTX 27195PSPENG	EUR											
Warrant	NL0011853122	ESTX 28075PSPENG	EUR											
Warrant	NL0011853767	ESTX 28105PSPENG	EUR											
Warrant	NL0011862404	ESTX 28985PSPENG	EUR											
Warrant	NL0012061477	ESTX 29605PSPENG	EUR											
Warrant	NL0011862974	ESTX 29915PSPENG	EUR											
Warrant	NL0012062541	ESTX 30865PSPENG	EUR											
Warrant	NL0012067243	ESTX 31105PSPENG	EUR											
Warrant	NL0012067342	ESTX 31815PSPENG	EUR											
Warrant	NL0012480206	ESTX 32705PSPENG	EUR											
Warrant	NL0012830541	ESTX 32765PSPENG	EUR											
Warrant	NL0012479653	ESTX 32795PSPENG	EUR											
Warrant	NL0012832554	ESTX 33265SPSPENG	EUR	1,6800	1,6800	1,6800	5208,0000	1	1,6800	3100				
Warrant	NL0012824627	ESTX 33745PSPENG	EUR											
Warrant	NL0012832562	ESTX 34295SPSPENG	EUR											
Warrant	NL0012832224	ESTX 34305SPSPENG	EUR											
Warrant	NL0012829758	ESTX 34495SPSPENG	EUR											
Warrant	NL0012070551	ESTX 35365SPSPENG	EUR											
Warrant	NL0011206305	ESTX 35905SPSPENG	EUR											
Warrant	NL0011193420	ESTX 36205SPSPENG	EUR											
Warrant	NL0012071559	ESTX 36475SPSPENG	EUR											
Warrant	NL0011304688	ESTX 37305SPSPENG	EUR											
Warrant	NL0012073316	ESTX 37615SPSPENG	EUR											
Warrant	NL0012463616	ESTX 38775SPSPENG	EUR											
Warrant	NL0012075162	ESTX 39305SPSPENG	EUR											
Warrant	NL0012466643	ESTX 39975SPSPENG	EUR											
Warrant	XS1423752903	ESTX 4.91STN0621G	EUR	107,3600	107,3600	107,1800	12872,4000	1	107,1800	12000				
Warrant	NL0011017934	EUCHF 1.08SPSPENG	EUR	6,1700	6,1700	6,1700			6,1700					
Warrant	NL0012827851	EUCHF 1.125PSPENG	EUR											
Warrant	NL0011013487	EUCHF0.9775PSPENG	EUR	15,1200	15,1200	15,0000	3013,5000	2	15,0900	200				
Warrant	NL0011012224	EUCHF0.9975PSPENG	EUR	13,3900	13,3900	13,3900			13,3900					
Warrant	NL0010969143	EUCHF1.0175PSPENG	EUR	11,6300	11,6300	11,6300			11,6300					
Warrant	NL0010969135	EUCHF1.0385PSPENG	EUR	9,8200	9,8200	9,8200			9,8200					
Warrant	NL0011017132	EUCHF1.0585PSPENG	EUR	8,0100	8,0100	8,0100			8,0100					
Warrant	NL0012072870	EUCHF1.1015PSPENG	EUR	4,2900	4,2900	4,2900			4,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012076905	EUCHF1.141SPLOPENG	EUR											
Warrant	NL0012820492	EUCHF1.1645SPSOPENG	EUR	5,1400	5,1400	5,1400			5,1400					
Warrant	NL0009620442	EUCHF1.188SPSOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0012467898	EUCHF1.211SPSOPENG	EUR	9,4400	9,4400	9,4400			9,4400					
Warrant	NL0011487673	EUGBP 0.775SPLOPENG	EUR	14,6800	14,6800	14,6800			14,6800					
Warrant	NL0012204490	EUGBP0.703SPLOPENG	EUR	22,0800	22,0800	22,0800			22,0800					
Warrant	NL0011027792	EUGBP0.725SPLOPENG	EUR	19,6600	19,6600	19,6600			19,6600					
Warrant	NL0011016282	EUGBP0.7475SPLOPENG	EUR	17,1800	17,1800	17,1800			17,1800					
Warrant	NL0011492160	EUGBP0.793SPLOPENG	EUR	12,1300	12,1300	12,1300			12,1300					
Warrant	NL0011844840	EUGBP0.841SPLOPENG	EUR	6,7800	6,7800	6,7800			6,7800					
Warrant	NL0011846076	EUGBP0.866SPLOPENG	EUR											
Warrant	NL0012466650	EUGBP0.895SPSOPENG	EUR											
Warrant	NL0011856810	EUGBP0.921SPSOPENG	EUR	6,1700	6,1700	6,1700			6,1700					
Warrant	NL0011857123	EUGBP0.949SPSOPENG	EUR	9,3700	9,3700	9,3700			9,3700					
Warrant	NL0011857347	EUGBP0.984SPSOPENG	EUR	13,3800	13,3800	13,3800			13,3800					
Warrant	NL0011858725	EUJPY 1.08SPLOPENG	EUR	17,7700	17,7700	17,7700			17,7700					
Warrant	NL0011847058	EUJPY 1.12SPLOPENG	EUR	15,2300	15,2300	15,2300			15,2300					
Warrant	NL0010215604	EUJPY 1.15SPLOPENG	EUR	12,6100	12,6100	12,6100			12,6100					
Warrant	NL0011860366	EUJPY 1.18SPLOPENG	EUR	9,9800	9,9800	9,9800			9,9800					
Warrant	NL0011862198	EUJPY 1.20SPLOPENG	EUR											
Warrant	NL0012827034	EUJPY 1.22SPLOPENG	EUR	7,2700	7,2700	7,2700			7,2700					
Warrant	NL0010345732	EUJPY 1.24SPLOPENG	EUR											
Warrant	NL0012074744	EUJPY 1.25SPLOPENG	EUR											
Warrant	NL0012827844	EUJPY 1.26SPLOPENG	EUR	4,4800	4,4800	4,4800			4,4800					
Warrant	NL0012824692	EUJPY 1.29SPLOPENG	EUR											
Warrant	NL0012829972	EUJPY 1.29SPLOPENG	EUR											
Warrant	NL0012476022	EUJPY 1.33SPSOPENG	EUR											
Warrant	NL0010963674	EUJPY 1.37SPSOPENG	EUR	8,8500	8,8500	8,8500			8,8500					
Warrant	NL0010594255	EUJPY 1.40SPSOPENG	EUR	11,0800	11,0800	11,0800			11,0800					
Warrant	NL0010597480	EUJPY 1.42SPSOPENG	EUR	13,3000	13,3000	13,3000			13,3000					
Warrant	NL0010946653	EUJPY 1.45SPSOPENG	EUR	15,5600	15,5600	15,5600			15,5600					
Warrant	NL0010949699	EUJPY 1.48SPSOPENG	EUR	17,8700	17,8700	17,8700			17,8700					
Warrant	NL0011616107	EUNOK10.165SPSOPENG	EUR	6,8100	6,8100	6,8100			6,8100					
Warrant	NL0010220356	EUNOK8.223SPLOPENG	EUR	16,8000	16,8000	16,8000			16,8000					
Warrant	NL0009910736	EUNOK8.4775SPLOPENG	EUR	14,2200	14,2200	14,2200			14,2200					
Warrant	NL0010465266	EUNOK8.7325SPLOPENG	EUR	11,6500	11,6500	11,6500			11,6500					
Warrant	NL0010468542	EUNOK8.9945SPLOPENG	EUR	8,9900	8,9900	8,9900			8,9900					
Warrant	NL0012080378	EUNOK9.2635SPLOPENG	EUR	6,2600	6,2600	6,2600			6,2600					
Warrant	NL0012064786	EUNOK9.4335SPSOPENG	EUR											
Warrant	NL0012069017	EURAU 1.48SPLOPENG	EUR	6,8900	6,8900	6,8900			6,8900					
Warrant	NL0012823421	EURAU 1.575SPLOPENG	EUR											
Warrant	NL0012066013	EURAU1.3945SPLOPENG	EUR	12,3200	12,3200	12,3200			12,3200					
Warrant	NL0010203212	EURAU1.4375SPLOPENG	EUR	9,6100	9,6100	9,6100			9,6100					
Warrant	NL0012466841	EURAU1.5245SPLOPENG	EUR	4,1000	4,1000	4,1000			4,1000					
Warrant	NL0010592663	EURAU1.6735SPSOPENG	EUR	9,4800	9,4800	9,4800			9,4800					
Warrant	NL0010597969	EURAU1.7065SPSOPENG	EUR	11,6600	11,6600	11,6600			11,6600					
Warrant	NL0011364039	EURAU1.7575SPSOPENG	EUR	15,0000	15,0000	15,0000			15,0000					
Warrant	NL0011618418	EUUSD 1.1SPLOPENG	EUR											
Warrant	NL0012822431	EUUSD 1.25SPSOPENG	EUR	8,4900	8,4900	8,4900			8,4900					
Warrant	NL0012064760	EUUSD 0.965SPLOPENG	EUR	16,4600	16,4600	16,4600			16,4600					
Warrant	NL0012061865	EUUSD 0.975SPLOPENG	EUR	15,6100	15,6100	15,6100			15,6100					
Warrant	NL0012831911	EUUSD 1.175SPSOPENG	EUR	3,6500	3,6500	3,6500			3,6500					
Warrant	NL0011627641	EUUSD0.9615SPLOPENG	EUR	16,4100	16,4100	16,4100			16,4100					
Warrant	NL0012068639	EUUSD1.0175SPLOPENG	EUR	10,0800	10,0800	10,0800			10,0800					
Warrant	NL0012061857	EUUSD1.0525SPLOPENG	EUR	6,9900	6,9900	6,9900			6,9900					
Warrant	NL0011861588	EUUSD1.0635SPLOPENG	EUR	6,0600	6,0600	6,0600			6,0600					
Warrant	NL0011862222	EUUSD1.0665SPLOPENG	EUR	7,2800	7,2800	7,2800			7,2800					
Warrant	NL0011861570	EUUSD1.0735SPLOPENG	EUR	5,1100	5,1100	5,1100			5,1100					
Warrant	NL0011861562	EUUSD1.0845SPLOPENG	EUR	4,1500	4,1500	4,1500			4,1500					
Warrant	NL0011483656	EUUSD1.0855SPLOPENG	EUR											
Warrant	NL0011483144	EUUSD1.0955SPLOPENG	EUR	3,2100	3,2100	3,2100			3,2100					
Warrant	NL0011481619	EUUSD1.0965SPLOPENG	EUR	4,6700	4,6700	4,6700			4,6700					
Warrant	NL0012069520	EUUSD1.0965SPSOPENG	EUR											
Warrant	NL0011617212	EUUSD1.1065SPLOPENG	EUR											
Warrant	NL0011206313	EUUSD1.1065SPLOPENG	EUR	2,2600	2,2600	2,2600			2,2600					
Warrant	NL0011205620	EUUSD1.1075SPLOPENG	EUR	3,6800	3,6800	3,6800			3,6800					
Warrant	NL0012063002	EUUSD1.1175SPLOPENG	EUR	1,2300	1,6500	1,2300			1,6500					
Warrant	NL0012063366	EUUSD1.1185SPLOPENG	EUR	2,7000	3,1000	2,7000			3,1000					
Warrant	NL0012068621	EUUSD1.1265SPLOPENG	EUR											
Warrant	NL0012835433	EUUSD1.1285SPLOPENG	EUR											
Warrant	NL0012070486	EUUSD1.1295SPLOPENG	EUR											
Warrant	NL0012070742	EUUSD1.1355SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012072862	EUUSD1.136SPLOPENG	EUR											
Warrant	NL0012071260	EUUSD1.136SPLOPENG	EUR											
Warrant	NL0012827588	EUUSD1.144SPLOPENG	EUR											
Warrant	NL0012832406	EUUSD1.145SPLOPENG	EUR											
Warrant	NL0012836415	EUUSD1.146SPSOPENG	EUR	1,5700	1,5700	1,5700			1,5700					
Warrant	NL0012834980	EUUSD1.146SPSOPENG	EUR											
Warrant	NL0012072391	EUUSD1.147SPLOPENG	EUR											
Warrant	NL0012828453	EUUSD1.148SPLOPENG	EUR											
Warrant	NL0012073191	EUUSD1.151SPLOPENG	EUR											
Warrant	NL0012828263	EUUSD1.154SPLOPENG	EUR											
Warrant	NL0012822092	EUUSD1.158SPLOPENG	EUR											
Warrant	NL0012833578	EUUSD1.158SPSOPENG	EUR	2,6100	2,6100	2,6100			2,6100					
Warrant	NL0012834105	EUUSD1.164SPSOPENG	EUR	5,2400	5,2400	5,2400			5,2400					
Warrant	NL0012830566	EUUSD1.165SPLOPENG	EUR											
Warrant	NL0012826838	EUUSD1.168SPSOPENG	EUR											
Warrant	NL0012826895	EUUSD1.175SPSOPENG	EUR											
Warrant	NL0012822100	EUUSD1.181SPSOPENG	EUR											
Warrant	NL0012831465	EUUSD1.182SPSOPENG	EUR	4,7000	4,7000	4,7000			4,7000					
Warrant	NL0012825723	EUUSD1.188SPSOPENG	EUR	7,3900	7,3900	7,3900			7,3900					
Warrant	NL0012820500	EUUSD1.194SPSOPENG	EUR	5,7700	6,0000	5,7700	600,0000	1	6,0000	100				
Warrant	NL0012818934	EUUSD1.206SPSOPENG	EUR	6,8400	6,8400	6,8400			6,8400					
Warrant	NL0012819536	EUUSD1.212SPSOPENG	EUR	9,5900	9,5900	9,5900			9,5900					
Warrant	NL0012481121	EUUSD1.218SPSOPENG	EUR	7,9300	7,9300	7,9300			7,9300					
Warrant	NL0012819031	EUUSD1.224SPSOPENG	EUR	10,7000	10,7000	10,7000			10,7000					
Warrant	NL0012480933	EUUSD1.231SPSOPENG	EUR	9,0300	9,0300	9,0300			9,0300					
Warrant	NL0012480859	EUUSD1.243SPSOPENG	EUR	10,1400	10,1400	10,1400			10,1400					
Warrant	NL0012474852	EUUSD1.256SPSOPENG	EUR	11,2700	11,2700	11,2700			11,2700					
Warrant	NL0010820270	EUUSD1.262SPSOPENG	EUR	14,1100	14,1100	14,1100			14,1100					
Warrant	NL0010816880	EUUSD1.269SPSOPENG	EUR	12,4300	12,4300	12,4300			12,4300					
Warrant	NL0010816674	EUUSD1.275SPSOPENG	EUR	15,2600	15,2600	15,2600			15,2600					
Warrant	NL0010814257	EUUSD1.282SPSOPENG	EUR	13,5800	13,5800	13,5800			13,5800					
Warrant	NL0010813200	EUUSD1.295SPSOPENG	EUR	14,7300	14,7300	14,7300			14,7300					
Warrant	NL0010755807	EUUSD1.308SPSOPENG	EUR	15,8600	15,8600	15,8600			15,8600					
Warrant	NL0010742177	EUUSD1.335SPSOPENG	EUR	18,2700	18,2700	18,2700			18,2700					
Warrant	NL0009757434	EUUSD1.341SPSOPENG	EUR	21,2800	21,2800	21,2800			21,2800					
Warrant	NL0010542510	EUUSD1.348SPSOPENG	EUR	19,4600	19,4600	19,4600			19,4600					
Warrant	NL0009231521	EUUSD1.355SPSOPENG	EUR	22,4800	22,4800	22,4800			22,4800					
Warrant	NL0012471247	EUUSD1.362SPSOPENG	EUR	20,6200	20,6200	20,6200			20,6200					
Warrant	NL0009234681	EUUSD1.394SPSOPENG	EUR	26,0500	26,0500	26,0500			26,0500					
Warrant	NL0009234731	EUUSD1.438SPSOPENG	EUR	30,0000	30,0000	30,0000			30,0000					
Warrant	NL0010685731	EUUSD1.452SPSOPENG	EUR	31,2800	31,2800	31,2800			31,2800					
Warrant	NL0011206354	EXXON 625PLOPENG	EUR	1,8100	1,8100	1,8100			1,8100					
Warrant	NL0010754057	FBOOK 71SPLOPENG	EUR	61,2400	61,2400	61,2400			61,2400					
Warrant	NL0011362421	FBOOK 87SPLOPENG	EUR	48,3900	48,3900	48,3900			48,3900					
Warrant	NL0011627096	FBOOK 114SPLOPENG	EUR	2,6900	2,6900	2,6900			2,6900					
Warrant	DE000CJ3N9V0	FBOOK 165C 0319Z	EUR	0,0860	0,0860	0,0720			0,0720					
Warrant	DE000CJ3N9U2	FBOOK 165C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AK54	FBOOK 180C 0319Z	EUR	0,0330	0,0330	0,0300			0,0300					
Warrant	DE000CV8AK47	FBOOK 180C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AK62	FBOOK 200C 0319Z	EUR	0,0220	0,0220	0,0210			0,0210					
Warrant	NL0010215331	FBOOK 25.9SPLOPENG	EUR	97,5200	97,5200	97,5200			97,5200					
Warrant	NL0010529012	FBOOK 33.5SPLOPENG	EUR	91,3800	91,3800	91,3800			91,3800					
Warrant	NL0011366455	FBOOK 93.1SPLOPENG	EUR	43,5000	43,5000	43,5000			43,5000					
Warrant	NL0011617725	FBOOK103.1SPLOPENG	EUR	27,6000	27,6000	27,6000			27,6000					
Warrant	NL0011625306	FBOOK106.6SPLOPENG	EUR	3,2700	3,2700	3,2700			3,2700					
Warrant	NL0011622675	FBOOK111.5SPLOPENG	EUR	20,2000	20,2000	20,2000			20,2000					
Warrant	NL0011630710	FBOOK117.1SPLOPENG	EUR	1,6600	1,6600	1,6600			1,6600					
Warrant	NL0010677035	FBOOK60.19SPLOPENG	EUR	65,4100	65,4100	65,4100			65,4100					
Warrant	NL0010756284	FBOOK73.22SPLOPENG	EUR	53,9200	53,9200	53,9200			53,9200					
Warrant	NL0010756276	FBOOK76.88SPLOPENG	EUR	50,7000	50,7000	50,7000			50,7000					
Warrant	NL0011365382	FBOOK89.02SPLOPENG	EUR	39,9900	39,9900	39,9900			39,9900					
Warrant	DE000CJ3N9X6	FMOTR 9C 0319Z	EUR	0,6750	0,7150	0,6750			0,7150					
Warrant	DE000CV8AM45	FMOTR 10C 1218Z	EUR	0,0640	0,0740	0,0640			0,0740					
Warrant	DE000CV8AK70	FMOTR 11C 1218Z	EUR	0,0110	0,0120	0,0110			0,0120					
Warrant	DE000CJ3N9W8	FMOTR 8.9C 1218Z	EUR	0,4850	0,5250	0,4850			0,5250					
Warrant	DE000CV8AY25	FMOTR 9.5C 1218Z	EUR	0,1850	0,2050	0,1850			0,2050					
Warrant	DE000CV8AM52	FMOTR 10.5C 1218Z	EUR	0,0220	0,0260	0,0220			0,0260					
Warrant	NL0006423832	FUGRO 6.8SPLOPENG	EUR	4,8800	4,8800	4,6700			4,6700					
Warrant	NL0010944492	FUGRO 8.9SPLOPENG	EUR	2,9700	2,9700	2,7600	1698,0000	1	2,7600	600				
Warrant	NL0010944484	FUGRO 9.5SPLOPENG	EUR	2,4100	2,4100	2,1800	13423,4000	6	2,2000	6020				
Warrant	NL0012829345	FUGRO 10.1SPLOPENG	EUR											
Warrant	NL0010944476	FUGRO 10.1SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012479547	FUGRO 10.8SPLOPENG	EUR											
Warrant	NL0012831135	FUGRO 10.9SPLOPENG	EUR											
Warrant	NL0012827927	FUGRO 11.6SPLOPENG	EUR											
Warrant	NL0012829097	FUGRO 11.8SPSOPENG	EUR											
Warrant	NL0012832307	FUGRO 12.2SPSOPENG	EUR	2,6200	2,8300	2,6200			2,8300					
Warrant	NL0012829352	FUGRO 12.2SPSOPENG	EUR											
Warrant	NL0012827208	FUGRO 13.4SPSOPENG	EUR	3,9600	4,1700	3,9600			4,1700					
Warrant	NL0012824221	FUGRO 13.6SPSOPENG	EUR	2,8700	3,0800	2,8700			3,0800					
Warrant	NL0012071146	FUGRO 14.7SPSOPENG	EUR	5,4400	5,6400	5,4400			5,6400					
Warrant	NL0011844725	FUGRO 16.2SPSOPENG	EUR	7,0600	7,2700	7,0600			7,2700					
Warrant	NL0012829220	FUGRO 8.65SPLOPENG	EUR	2,5600	2,5600	2,3400			2,3400					
Warrant	NL0012078604	FUGRO 9.09SPLOPENG	EUR	2,1100	2,1100	1,9000			1,9000					
Warrant	NL0012078216	FUGRO 9.56SPLOPENG	EUR	1,6500	1,6500	1,4300			1,4300					
Warrant	NL0012077895	FUGRO10.01SPLOPENG	EUR											
Warrant	NL0012829782	FUGRO10.04SPLOPENG	EUR	1,1700	1,1700	0,9500			0,9500					
Warrant	NL0012829774	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012478770	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012834295	FUGRO10.55SPLOPENG	EUR											
Warrant	NL0012833834	FUGRO10.94SPSOPENG	EUR											
Warrant	NL0012829238	FUGRO10.98SPSOPENG	EUR											
Warrant	NL0012830814	FUGRO11.05SPLOPENG	EUR											
Warrant	NL0012823736	FUGRO11.05SPLOPENG	EUR											
Warrant	NL0012831838	FUGRO11.06SPLOPENG	EUR											
Warrant	NL0012831820	FUGRO11.61SPLOPENG	EUR											
Warrant	NL0012826713	FUGRO11.61SPLOPENG	EUR											
Warrant	NL0012828131	FUGRO11.62SPLOPENG	EUR											
Warrant	NL0012832695	FUGRO11.75SPSOPENG	EUR	1,0200	1,2300	1,0200			1,2300					
Warrant	NL0012827414	FUGRO12.65SPSOPENG	EUR	1,9200	2,1200	1,9200			2,1200					
Warrant	NL0012824759	FUGRO12.73SPSOPENG	EUR											
Warrant	NL0012073159	FUGRO14.64SPSOPENG	EUR	3,9000	4,1100	3,9000			4,1100					
Warrant	NL0012066567	FUGRO16.94SPSOPENG	EUR	6,2100	6,4200	6,2100			6,4200					
Warrant	NL0011630934	FUGRO18.23SPSOPENG	EUR	7,5000	7,7100	7,5000			7,7100					
Warrant	DE000CV89TR4	G1A 28C 0619Z	EUR	0,0810	0,0810	0,0660			0,0660					
Warrant	DE000CV89TQ6	G1A 32C 0619Z	EUR	0,0320	0,0320	0,0250			0,0250					
Warrant	DE000CV89TP8	G1A 40C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012473029	GAS 2.1SPLOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012827661	GAS 2.9SPLOPENG	EUR											
Warrant	NL0012462246	GAS 3.3SPSOPENG	EUR											
Warrant	NL0011374814	GAS 4.3SPSOPENG	EUR											
Warrant	NL0010963401	GAS 4.9SPSOPENG	EUR											
Warrant	NL0012467732	GAS 2.25SPLOPENG	EUR	1,9600	1,9600	1,9600			1,9600					
Warrant	NL0012467997	GAS 2.62SPLOPENG	EUR	1,6500	1,6500	1,6500			1,6500					
Warrant	NL0012476675	GAS 2.75SPLOPENG	EUR	1,5400	1,5400	1,5400			1,5400					
Warrant	NL0012827026	GAS 2.76SPLOPENG	EUR											
Warrant	NL0012829691	GAS 2.88SPLOPENG	EUR	1,4300	1,4300	1,4300			1,4300					
Warrant	NL0012831077	GAS 3.03SPLOPENG	EUR	1,3100	1,3100	1,3100			1,3100					
Warrant	NL0012477954	GAS 3.07SPSOPENG	EUR											
Warrant	NL0012831507	GAS 3.18SPLOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0012831903	GAS 3.22SPLOPENG	EUR											
Warrant	NL0012834923	GAS 3.35SPLOPENG	EUR	1,0500	1,0500	1,0500			1,0500					
Warrant	NL0012836217	GAS 3.52SPLOPENG	EUR	0,9100	0,9100	0,9100			0,9100					
Warrant	NL0012066203	GAS 3.59SPSOPENG	EUR											
Warrant	NL0012836399	GAS 3.69SPLOPENG	EUR	0,7500	0,7500	0,7500			0,7500					
Warrant	NL0012836407	GAS 4.38SPSOPENG	EUR	0,4600	0,4600	0,4600			0,4600					
Warrant	NL0012836225	GAS 4.71SPSOPENG	EUR	0,7800	0,7800	0,7800			0,7800					
Warrant	NL0012835672	GAS 5.07SPSOPENG	EUR	1,1200	1,1200	1,1200			1,1200					
Warrant	NL0012834931	GAS 5.46SPSOPENG	EUR	1,4900	1,4900	1,3000	198,0000	2	1,3300	150				
Warrant	NL0012835680	GAS 6.23SPSOPENG	EUR	2,2300	2,2300	2,2300			2,2300					
Warrant	NL0012836092	GAS 6.65SPSOPENG	EUR	2,6300	2,6300	2,6300			2,6300					
Warrant	NL0009111327	GBL 36.4SPLOPENG	EUR	45,7800	45,7800	45,5600			45,5600					
Warrant	NL0010104246	GBL 40.3SPLOPENG	EUR	42,1600	42,1600	41,9400			41,9400					
Warrant	NL0010207197	GBL 45.3SPLOPENG	EUR	37,4700	37,4700	37,2500			37,2500					
Warrant	NL0010597985	GBL 56.3SPLOPENG	EUR	27,2500	27,2500	27,0300			27,0300					
Warrant	NL0011850888	GBL 67.9SPLOPENG	EUR	16,4300	16,4300	16,2100			16,2100					
Warrant	NL0011856844	GBPUS 1.25SPLOPENG	EUR	4,2700	4,2700	4,2700			4,2700					
Warrant	NL0010542247	GBPUS 1.62SPSOPENG	EUR	33,4500	33,4500	33,4500			33,4500					
Warrant	NL0011857040	GBPUS1.212SPLOPENG	EUR	7,5400	7,5400	7,5400			7,5400					
Warrant	NL0012068787	GBPUS1.276SPLOPENG	EUR											
Warrant	NL0012829717	GBPUS1.284SPLOPENG	EUR											
Warrant	NL0012823413	GBPUS1.349SPSOPENG	EUR	8,9900	8,9900	8,9900			8,9900					
Warrant	NL0012481493	GBPUS1.391SPSOPENG	EUR	12,7600	12,7600	12,7600			12,7600					
Warrant	NL0010964243	GBPUS1.403SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012471197	GBPUS1.434SPSOPENG	EUR	16,6500	16,6500	16,6500			16,6500					
Warrant	NL0011479696	GBPUS1.479SPSOPENG	EUR	20,6700	20,6700	20,6700			20,6700					
Warrant	NL0010944336	GBPUS1.525SPSOPENG	EUR	24,8100	24,8100	24,8100			24,8100					
Warrant	NL0010816260	GBPUS1.572SPSOPENG	EUR	29,0500	29,0500	29,0500			29,0500					
Warrant	NL0010597506	GBPUS1.669SPSOPENG	EUR	37,8200	37,8200	37,8200			37,8200					
Warrant	NL0010741112	GBPUS1.719SPSOPENG	EUR	42,3400	42,3400	42,3400			42,3400					
Warrant	DE000CV8AKA2	GILEA 80C 0319Z	EUR	0,0750	0,0890	0,0750			0,0890					
Warrant	DE000CV8AK96	GILEA 80C 1218Z	EUR	0,0100	0,0110	0,0100			0,0110					
Warrant	DE000CV8AKB0	GILEA 90C 0319Z	EUR	0,0210	0,0240	0,0210			0,0240					
Warrant	DE000CV89557	GLPG 80C 1218Z	EUR	1,7800	1,9950	1,7800			1,9950					
Warrant	DE000CV895T5	GLPG 88C 1218Z	EUR	0,7400	0,8500	0,7400			0,8500					
Warrant	DE000CV88045	GLPG 90C 0319Z	EUR	0,7350	0,8050	0,7350			0,8050					
Warrant	NL0012826432	GLPG 93SPLOPENG	EUR											
Warrant	DE000CV8AMP6	GLPG 98C 1218Z	EUR	0,1080	0,1100	0,1080			0,1100					
Warrant	DE000CV8AMQ4	GLPG 100C 0319Z	EUR	0,4250	0,4550	0,4250			0,4550					
Warrant	DE000CJ3PJX1	GLPG 105C 0619Z	EUR	0,5700	0,6050	0,5700			0,6050					
Warrant	DE000CV8AQX1	GLPG 108C 1218Z	EUR	0,0420	0,0420	0,0410			0,0410					
Warrant	DE000CV8AQV9	GLPG 110C 0319Z	EUR	0,2600	0,2800	0,2600			0,2800					
Warrant	NL0011845383	GLPG 36.3SPLOPENG	EUR	55,5800	55,5800	55,1200			55,1200					
Warrant	NL0011844139	GLPG 41.6SPLOPENG	EUR	50,8400	50,8400	50,3800			50,3800					
Warrant	NL0011844121	GLPG 43.8SPLOPENG	EUR	48,8300	48,8300	48,3700			48,3700					
Warrant	NL0011845391	GLPG 47.1SPLOPENG	EUR	45,8300	45,8300	45,3700			45,3700					
Warrant	NL0011859525	GLPG 49.4SPLOPENG	EUR	43,6900	43,6900	43,2300			43,2300					
Warrant	NL0012065239	GLPG 51.7SPLOPENG	EUR	37,6300	37,6300	37,1700			37,1700					
Warrant	NL0011859517	GLPG 54.5SPLOPENG	EUR	39,0700	39,0700	38,6100			38,6100					
Warrant	NL0012064141	GLPG 55.7SPLOPENG	EUR	33,6400	33,6400	33,1800			33,1800					
Warrant	NL0012063341	GLPG 57.2SPLOPENG	EUR	36,5800	36,5800	36,1200			36,1200					
Warrant	NL0012064125	GLPG 59.3SPLOPENG	EUR	30,0600	30,0600	29,6000			29,6000					
Warrant	NL0012065221	GLPG 62.3SPLOPENG	EUR	27,1700	27,1700	26,6100	1086,8000	1	26,6100	40				
Warrant	NL0012075774	GLPG 63.1SPLOPENG	EUR	31,2300	31,2300	30,7700			30,7700					
Warrant	NL0012468078	GLPG 69.6SPLOPENG	EUR	25,3500	25,3500	24,8900			24,8900					
Warrant	NL0012822720	GLPG 76.7SPLOPENG	EUR	18,8500	18,8500	18,3900			18,3900					
Warrant	NL0012823843	GLPG 80.3SPLOPENG	EUR											
Warrant	NL0012831713	GLPG 80.5SPLOPENG	EUR	15,3600	15,3600	14,9000			14,9000					
Warrant	NL0012829873	GLPG 80.7SPLOPENG	EUR	9,4100	9,6500	8,0000	25017,7200	12	8,9500	2783				
Warrant	NL0012827521	GLPG 84.3SPLOPENG	EUR											
Warrant	NL0012831705	GLPG 84.5SPLOPENG	EUR											
Warrant	NL0012835847	GLPG 84.6SPLOPENG	EUR	11,7000	11,7000	11,2400			11,2400					
Warrant	NL0012825491	GLPG 88.4SPLOPENG	EUR											
Warrant	NL0012826572	GLPG 88.5SPLOPENG	EUR											
Warrant	NL0012833123	GLPG 88.7SPLOPENG	EUR											
Warrant	NL0012826234	GLPG 92.9SPLOPENG	EUR											
Warrant	NL0012826747	GLPG 92.9SPLOPENG	EUR											
Warrant	NL0012829568	GLPG 93.1SPLOPENG	EUR											
Warrant	NL0012827539	GLPG 93.4SPSOPENG	EUR											
Warrant	NL0012829550	GLPG 97.7SPLOPENG	EUR											
Warrant	NL0012825509	GLPG 97.8SPSOPENG	EUR											
Warrant	NL0012471221	GLPG 104.4SPSOPENG	EUR											
Warrant	NL0012829576	GLPG 108.5SPSOPENG	EUR	32,1400	32,4800	32,1400			32,4800					
Warrant	NL0012829881	GLPG 112.6SPSOPENG	EUR	25,8400	26,1800	25,8400			26,1800					
Warrant	NL0012077937	GLPG 66.36SPLOPENG	EUR	23,0100	23,0100	22,5500			22,5500					
Warrant	NL0012078240	GLPG 69.69SPLOPENG	EUR	19,6700	19,6700	19,2100			19,2100					
Warrant	NL0012822761	GLPG 73.19SPLOPENG	EUR	16,9200	16,9200	16,4600			16,4600					
Warrant	NL0012822753	GLPG 76.85SPLOPENG	EUR	13,2800	13,2800	12,2500	678,5000	3	12,8000	55				
Warrant	NL0012823942	GLPG 80.41SPLOPENG	EUR											
Warrant	NL0012824270	GLPG 84.43SPLOPENG	EUR											
Warrant	NL0012829865	GLPG 84.56SPLOPENG	EUR											
Warrant	NL0012832869	GLPG 84.62SPLOPENG	EUR											
Warrant	NL0012834337	GLPG 84.74SPLOPENG	EUR	5,3700	5,4700	3,9300	11219,5600	14	4,9100	2212				
Warrant	NL0012825145	GLPG 88.54SPLOPENG	EUR											
Warrant	NL0012826440	GLPG 88.59SPLOPENG	EUR											
Warrant	NL0012829857	GLPG 88.79SPLOPENG	EUR											
Warrant	NL0012833214	GLPG 88.85SPLOPENG	EUR											
Warrant	NL0012834543	GLPG 88.94SPLOPENG	EUR											
Warrant	NL0012835367	GLPG 88.95SPLOPENG	EUR											
Warrant	NL0012825863	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012829840	GLPG 93.21SPLOPENG	EUR											
Warrant	NL0012836019	GLPG 93.21SPSOPENG	EUR	6,4700	6,8100	6,4700			6,8100					
Warrant	NL0012831895	GLPG 93.44SPSOPENG	EUR											
Warrant	NL0012827752	GLPG 95.01SPSOPENG	EUR											
Warrant	NL0012829832	GLPG 97.82SPLOPENG	EUR											
Warrant	NL0012462345	GMLTO 30.95PLOPENG	EUR	21,9100	21,9100	21,8500			21,8500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012469712	GMLTO 40.6SPLOPENG	EUR	12,9400	12,9400	12,8800			12,8800					
Warrant	NL0012473177	GMLTO 46.4SPLOPENG	EUR	7,4400	7,4400	7,3800			7,3800					
Warrant	NL0012835789	GMLTO 54.4SPSOPENG	EUR	8,2800	8,3200	8,2800			8,3200					
Warrant	NL0011366471	GMLTO 65.8SPSOPENG	EUR	20,4900	20,5300	20,4900			20,5300					
Warrant	NL0012463509	GMLTO27.41SPLOPENG	EUR	23,5200	23,5200	23,4600			23,4600					
Warrant	NL0012462956	GMLTO30.35SPLOPENG	EUR	20,5700	20,5700	20,5100			20,5100					
Warrant	NL0012467054	GMLTO31.88SPLOPENG	EUR	19,1600	19,1600	19,1000			19,1000					
Warrant	NL0012470892	GMLTO47.17SPLOPENG	EUR	3,8700	3,8700	3,8100			3,8100					
Warrant	NL0012832125	GMLTO51.83SPSOPENG	EUR	1,6600	1,7000	1,6600			1,7000					
Warrant	NL0012063044	GMLTO52.59SPLOPENG	EUR											
Warrant	NL0012071807	GMLTO52.86SPLOPENG	EUR											
Warrant	NL0012072581	GMLTO55.74SPSOPENG	EUR	5,4500	5,4900	5,4500			5,4900					
Warrant	NL0006408544	GOLD 770SPLOPENG	EUR	41,1300	41,1300	41,1300			41,1300					
Warrant	NL0006408551	GOLD 835SPLOPENG	EUR	35,6000	35,6000	35,6000			35,6000					
Warrant	NL0006408569	GOLD 899SPLOPENG	EUR	30,0700	30,0700	30,0700			30,0700					
Warrant	NL0012827562	GOLD 918SPLOPENG	EUR	28,4300	28,4300	28,4300			28,4300					
Warrant	NL0012827570	GOLD 953SPLOPENG	EUR	25,3900	25,3900	25,3900			25,3900					
Warrant	NL0006423535	GOLD 984SPLOPENG	EUR	22,7400	22,7400	22,7400			22,7400					
Warrant	NL0012827554	GOLD 994SPLOPENG	EUR	21,9200	21,9200	21,9200			21,9200					
Warrant	NL0012827547	GOLD 1019SPLOPENG	EUR	19,7400	19,7400	19,7400			19,7400					
Warrant	NL0011483169	GOLD 1027SPLOPENG	EUR	16,7700	16,7700	16,7700			16,7700					
Warrant	NL0006425571	GOLD 1046SPLOPENG	EUR	17,3800	17,3800	17,3800			17,3800					
Warrant	NL0011480074	GOLD 1048SPLOPENG	EUR	14,9100	14,9100	14,9100			14,9100					
Warrant	NL0011304779	GOLD 1070SPLOPENG	EUR	13,0200	13,0200	13,0200			13,0200					
Warrant	NL0009105469	GOLD 1084SPLOPENG	EUR	14,1200	14,1200	14,1200			14,1200					
Warrant	NL0011303797	GOLD 1092SPLOPENG	EUR	11,0900	11,0900	11,0900			11,0900					
Warrant	NL0011303789	GOLD 1114SPLOPENG	EUR	9,1300	9,1300	9,1300			9,1300					
Warrant	NL0011618392	GOLD 1119SPLOPENG	EUR	11,0600	11,0600	11,0600			11,0600					
Warrant	NL0009107663	GOLD 1122SPLOPENG	EUR	10,8600	10,8600	10,8600			10,8600					
Warrant	NL0010944815	GOLD 1136SPLOPENG	EUR	7,1000	7,1000	7,1000			7,1000					
Warrant	NL0011480942	GOLD 1144SPLOPENG	EUR	8,9300	8,9300	8,9300			8,9300					
Warrant	NL0011487533	GOLD 1159SPLOPENG	EUR	5,0900	5,0900	5,0900			5,0900					
Warrant	NL0011488671	GOLD 1167SPLOPENG	EUR	6,9600	6,9600	6,9600			6,9600					
Warrant	NL0011493820	GOLD 1168SPLOPENG	EUR											
Warrant	NL0011493192	GOLD 1178SPLOPENG	EUR											
Warrant	NL0012827638	GOLD 1182SPLOPENG	EUR											
Warrant	NL0012827679	GOLD 1182SPLOPENG	EUR	3,0000	3,0000	3,0000			3,0000					
Warrant	NL0012831473	GOLD 1187SPLOPENG	EUR											
Warrant	NL0012832018	GOLD 1190SPLOPENG	EUR	4,9500	4,9500	4,9500			4,9500					
Warrant	NL0012062491	GOLD 1192SPLOPENG	EUR											
Warrant	NL0012062798	GOLD 1202SPLOPENG	EUR											
Warrant	NL0012832786	GOLD 1204SPLOPENG	EUR											
Warrant	NL0012832653	GOLD 1214SPLOPENG	EUR											
Warrant	NL0012826978	GOLD 1220SPSOPENG	EUR											
Warrant	NL0011634399	GOLD 1227SPLOPENG	EUR											
Warrant	NL0012826937	GOLD 1228SPSOPENG	EUR											
Warrant	NL0012068910	GOLD 1232SPLOPENG	EUR											
Warrant	NL0011634522	GOLD 1240SPLOPENG	EUR											
Warrant	NL0012070213	GOLD 1244SPLOPENG	EUR											
Warrant	NL0011858428	GOLD 1251SPLOPENG	EUR											
Warrant	NL0012824635	GOLD 1254SPSOPENG	EUR	3,6900	3,6900	3,6000	360,0000	1	3,6000	100				
Warrant	NL0012825897	GOLD 1257SPSOPENG	EUR	7,3700	7,3700	7,3700			7,3700					
Warrant	NL0012826465	GOLD 1264SPSOPENG	EUR	4,6600	4,7900	4,6600	286,0000	3	4,7700	60				
Warrant	NL0012822738	GOLD 1279SPSOPENG	EUR	6,0000	6,0000	6,0000			6,0000					
Warrant	NL0012822050	GOLD 1305SPSOPENG	EUR	8,2900	8,2900	8,2900			8,2900					
Warrant	NL0012819601	GOLD 1332SPSOPENG	EUR	10,6500	10,6500	10,6500			10,6500					
Warrant	NL0012480412	GOLD 1359SPSOPENG	EUR	13,0600	13,0600	13,0600			13,0600					
Warrant	NL0011850722	GOLD 1378SPSOPENG	EUR	18,3500	18,3500	18,3500			18,3500					
Warrant	NL0010358610	GOLD 1387SPSOPENG	EUR	15,3100	15,3100	15,3100			15,3100					
Warrant	NL0010358453	GOLD 1420SPSOPENG	EUR	22,2400	22,2400	22,2400			22,2400					
Warrant	NL0012079537	GOLD 1427SPSOPENG	EUR	19,0100	19,0100	19,0100			19,0100					
Warrant	NL0010357943	GOLD 1457SPSOPENG	EUR	25,5700	25,5700	25,5700			25,5700					
Warrant	NL0010209201	GOLD 1656SPSOPENG	EUR	39,1200	39,1200	39,1200			39,1200					
Warrant	NL0009765932	GOLD 1828SPSOPENG	EUR	59,4100	59,4100	59,4100			59,4100					
Warrant	NL0009876564	GOLD 1919SPSOPENG	EUR	67,7600	67,7600	67,7600			67,7600					
Warrant	NL0006427791	HEINK 9SPLOPENG	EUR	73,2200	73,2200	72,0600			72,0600					
Warrant	NL0010689527	HEINK 45SPLOPENG	EUR	39,7800	39,7800	38,6200			38,6200					
Warrant	NL0009110154	HEINK 18.5SPLOPENG	EUR	64,4500	64,4500	63,2900			63,2900					
Warrant	NL0009766724	HEINK 26.4SPLOPENG	EUR	57,0900	57,0900	55,9300			55,9300					
Warrant	NL0010085627	HEINK 36.2SPLOPENG	EUR	48,0000	48,0000	46,8400			46,8400					
Warrant	NL0010202412	HEINK 38.4SPLOPENG	EUR	45,9100	45,9100	44,7500			44,7500					
Warrant	NL0010743142	HEINK 48.2SPLOPENG	EUR	33,7600	33,7600	32,6000			32,6000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010812129	HEINK 48.6SPLOPENG	EUR	36,4300	36,4300	35,2700			35,2700					
Warrant	NL0010813705	HEINK 50.95SPLOPENG	EUR	31,0600	31,0600	29,9000			29,9000					
Warrant	NL0010830899	HEINK 52.45SPLOPENG	EUR	32,8600	32,8600	31,7000			31,7000					
Warrant	NL0010968715	HEINK 56.55SPLOPENG	EUR	29,0500	29,0500	27,8900			27,8900					
Warrant	NL0011016357	HEINK 60.95SPLOPENG	EUR	24,9800	24,9800	23,8200			23,8200					
Warrant	NL0011362264	HEINK 65.55SPLOPENG	EUR	20,7000	20,7000	19,5400			19,5400					
Warrant	NL0011363098	HEINK 66.55SPLOPENG	EUR	15,4600	15,4600	14,3000			14,3000					
Warrant	NL0012069546	HEINK 77.35SPLOPENG	EUR											
Warrant	NL0012474688	HEINK 80.55SPLOPENG	EUR											
Warrant	NL0012825434	HEINK 86.55SPLOPENG	EUR											
Warrant	NL0010679700	HEINK43.12SPLOPENG	EUR	38,8500	38,8500	37,6900			37,6900					
Warrant	NL0010689758	HEINK45.61SPLOPENG	EUR	36,3500	36,3500	35,1900			35,1900					
Warrant	NL0010940037	HEINK53.74SPLOPENG	EUR	28,2300	28,2300	27,0700	412,0500	1	27,0700	15				
Warrant	NL0010967618	HEINK56.71SPLOPENG	EUR	25,2500	25,2500	24,0900			24,0900					
Warrant	NL0011011606	HEINK59.83SPLOPENG	EUR	22,1300	22,1300	20,9700			20,9700					
Warrant	NL0011022132	HEINK63.12SPLOPENG	EUR	18,8500	18,8500	17,6900			17,6900					
Warrant	NL0012065379	HEINK69.97SPLOPENG	EUR	12,0400	12,0400	10,8800			10,8800					
Warrant	NL0012066179	HEINK73.63SPLOPENG	EUR	8,3800	8,3800	7,2200			7,2200					
Warrant	NL0012833172	HEINK77.21SPLOPENG	EUR											
Warrant	NL0012834428	HEINK77.32SPLOPENG	EUR	4,7000	4,7000	3,5400			3,5400					
Warrant	NL0011844360	HEINK77.66SPLOPENG	EUR											
Warrant	NL0012473532	HEINK81.17SPLOPENG	EUR											
Warrant	NL0012823744	HEINK85.21SPLOPENG	EUR											
Warrant	NL0012825095	HEINK89.96SPLOPENG	EUR											
Warrant	NL0012826242	HEINK91.12SPLOPENG	EUR	10,0100	11,1700	10,0100			11,1700					
Warrant	NL0012469381	HEINK97.99SPLOPENG	EUR	16,9800	18,1400	16,9800			18,1400					
Warrant	NL0010466041	HENKE 54.65SPLOPENG	EUR	53,2800	53,2800	50,9800			50,9800					
Warrant	NL0010458881	HENKE 59.35SPLOPENG	EUR	48,9700	48,9700	46,6700			46,6700					
Warrant	NL0010458808	HENKE 66.15SPLOPENG	EUR	42,5600	42,5600	40,2600			40,2600					
Warrant	NL0010526380	HENKE 71.35SPLOPENG	EUR	37,7900	37,7900	35,4900			35,4900					
Warrant	NL0010946323	HENKE 78.25SPLOPENG	EUR	31,3300	31,3300	29,0300			29,0300					
Warrant	NL0010953790	HENKE 85.85SPLOPENG	EUR	24,2800	24,2800	21,9800			21,9800					
Warrant	NL0012825483	HENKE101.65SPLOPENG	EUR											
Warrant	NL0011493523	HSCEI 6130SPLOPENG	EUR	5,4600	5,4600	5,4600			5,4600					
Warrant	NL0011491485	HSCEI 6510SPLOPENG	EUR	5,0500	5,0500	5,0500			5,0500					
Warrant	NL0011623467	HSCEI 6900SPLOPENG	EUR	4,6300	4,6300	4,6300			4,6300					
Warrant	NL0011623566	HSCEI 7300SPLOPENG	EUR	4,2000	4,2000	4,2000			4,2000					
Warrant	NL0011847231	HSCEI 7700SPLOPENG	EUR	3,7600	3,7600	3,7600			3,7600					
Warrant	NL0011849088	HSCEI 8130SPLOPENG	EUR	3,3000	3,3000	3,3000			3,3000					
Warrant	NL0011850003	HSCEI 8580SPLOPENG	EUR	2,8200	2,8200	2,8200			2,8200					
Warrant	NL0012064182	HSCEI 9050SPLOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012072433	HSCEI 9540SPLOPENG	EUR	1,7800	1,7800	1,7600			1,7600					
Warrant	NL0011488754	HSCEI 9540SPLOPENG	EUR											
Warrant	NL0012075915	HSCEI10010SPLOPENG	EUR											
Warrant	NL0012825640	HSCEI10510SPLOPENG	EUR											
Warrant	NL0012828032	HSCEI10520SPLOPENG	EUR											
Warrant	NL0012828040	HSCEI11120SPLOPENG	EUR	1,3000	1,3200	1,3000			1,3200					
Warrant	NL0012825657	HSCEI11710SPLOPENG	EUR	2,0000	2,0200	2,0000			2,0200					
Warrant	NL0012475719	HSCEI12330SPLOPENG	EUR	2,7400	2,7600	2,7400			2,7600					
Warrant	NL0012472971	HSCEI13000SPLOPENG	EUR	3,5400	3,5600	3,5400			3,5600					
Warrant	NL0012469787	HSCEI13710SPLOPENG	EUR	4,3800	4,4000	4,3800			4,4000					
Warrant	NL0012471114	HSCEI14420SPLOPENG	EUR	5,2300	5,2400	5,2300			5,2400					
Warrant	NL0006408130	HSI 4940SPLOPENG	EUR	24,9000	24,9000	24,9000			24,9000					
Warrant	NL0006429086	HSI 6880SPLOPENG	EUR	22,8000	22,8000	22,8000			22,8000					
Warrant	NL0009107994	HSI 11270SPLOPENG	EUR	18,0600	18,0600	18,0600			18,0600					
Warrant	NL0009881267	HSI 12130SPLOPENG	EUR	17,1700	17,1700	17,1700			17,1700					
Warrant	NL0009902261	HSI 13930SPLOPENG	EUR	15,2400	15,2400	15,2400			15,2400					
Warrant	NL0010098232	HSI 14900SPLOPENG	EUR	14,1800	14,1800	14,1800			14,1800					
Warrant	NL0010103727	HSI 15910SPLOPENG	EUR	13,1000	13,1000	13,1000			13,1000					
Warrant	NL0010208468	HSI 16950SPLOPENG	EUR	11,9700	11,9700	11,9700			11,9700					
Warrant	NL0011623558	HSI 17930SPLOPENG	EUR	10,9200	10,9200	10,9200			10,9200					
Warrant	NL0011845490	HSI 18930SPLOPENG	EUR	9,8400	9,8400	9,8400			9,8400					
Warrant	NL0011849997	HSI 19980SPLOPENG	EUR	8,7000	8,7000	8,7000			8,7000					
Warrant	NL0012064562	HSI 21070SPLOPENG	EUR	7,5300	7,5300	7,5300			7,5300					
Warrant	NL0012065874	HSI 22210SPLOPENG	EUR	6,2900	6,2900	6,2900			6,2900					
Warrant	NL0012072417	HSI 23410SPLOPENG	EUR	5,0000	5,0000	5,0000	500,0000	1	5,0000	100				
Warrant	NL0012075907	HSI 24600SPLOPENG	EUR											
Warrant	NL0012077721	HSI 25890SPLOPENG	EUR											
Warrant	NL0012828313	HSI 27200SPLOPENG	EUR											
Warrant	NL0012833347	HSI 27250SPLOPENG	EUR	2,2700	2,2700	2,2700			2,2700					
Warrant	NL0012462733	HSI 27280SPLOPENG	EUR											
Warrant	NL0012822027	HSI 30190SPLOPENG	EUR	5,7400	5,7500	5,7400	575,0000	1	5,7500	100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012472963	HSI 31810SPSOPENG	EUR	7,7000	7,7000	7,7000			7,7000					
Warrant	NL0012469761	HSI 33530SPSOPENG	EUR	9,7500	9,7500	9,7500			9,7500					
Warrant	NL0009901933	IBEX 4010SPLOPENG	EUR											
Warrant	NL0010203337	IBEX 4330SPLOPENG	EUR	5,0600	5,0600	5,0300			5,0300					
Warrant	NL0010203733	IBEX 4670SPLOPENG	EUR	4,7400	4,7400	4,7000			4,7000					
Warrant	NL0010204335	IBEX 5030SPLOPENG	EUR	4,4000	4,4000	4,3600			4,3600					
Warrant	NL0010207106	IBEX 5790SPLOPENG	EUR	3,6700	3,6700	3,6300			3,6300					
Warrant	NL0010528964	IBEX 6600SPLOPENG	EUR	2,9000	2,9000	2,8700			2,8700					
Warrant	NL0010530408	IBEX 7030SPLOPENG	EUR	2,4900	2,4900	2,4500			2,4500					
Warrant	NL0011847686	IBEX 7420SPLOPENG	EUR	2,1200	2,1200	2,0800			2,0800					
Warrant	NL0011850813	IBEX 7820SPLOPENG	EUR	1,7300	1,7300	1,6900			1,6900					
Warrant	NL0011862859	IBEX 8250SPLOPENG	EUR	1,3300	1,3300	1,2900			1,2900					
Warrant	NL0012829295	IBEX 8490SPLOPENG	EUR	1,1000	1,1000	1,0600			1,0600					
Warrant	NL0012063598	IBEX 8720SPLOPENG	EUR											
Warrant	NL0012835177	IBEX 8910SPLOPENG	EUR											
Warrant	NL0012830020	IBEX 9160SPLOPENG	EUR											
Warrant	NL0012067813	IBEX 9180SPLOPENG	EUR											
Warrant	NL0012822878	IBEX 9620SPLOPENG	EUR											
Warrant	NL0012476014	IBEX 10010SPSOPENG	EUR	1,4000	1,4300	1,4000			1,4300					
Warrant	NL0011027925	IBEX 10550SPSOPENG	EUR	1,9700	2,0000	1,9700			2,0000					
Warrant	NL0010748083	IBEX 10910SPSOPENG	EUR											
Warrant	NL0011212105	IBEX 11140SPSOPENG	EUR	2,5900	2,6200	2,5900			2,6200					
Warrant	NL0012075725	IBEX 11720SPSOPENG	EUR	3,2000	3,2300	3,2000			3,2300					
Warrant	NL0011362512	IBM 111SPLOPENG	EUR	1,7100	1,7100	1,7100			1,7100					
Warrant	NL0011628169	IBM 136SPLOPENG	EUR											
Warrant	NL0012476899	INBEV 104.SPSOPENG	EUR	37,6300	37,6300	37,5200			37,5200					
Warrant	NL0009909365	INBEV 31.9SPLOPENG	EUR	37,5900	37,6600	37,5900			37,6600					
Warrant	NL0010200788	INBEV 50.3SPLOPENG	EUR	20,4800	20,5500	20,4800			20,5500					
Warrant	NL0010465779	INBEV 56.3SPLOPENG	EUR	14,9600	15,0300	14,9600			15,0300					
Warrant	NL0012834006	INBEV 58.5SPLOPENG	EUR	9,4700	9,5400	9,4700			9,5400					
Warrant	NL0010681219	INBEV 62.7SPLOPENG	EUR	8,9700	9,0400	8,9700			9,0400					
Warrant	NL0010743209	INBEV 70.2SPLOPENG	EUR											
Warrant	NL0012478135	INBEV 72.5SPLOPENG	EUR											
Warrant	NL0010946281	INBEV 77.5SPLOPENG	EUR											
Warrant	NL0012826119	INBEV 82.8SPLOPENG	EUR											
Warrant	NL0011027990	INBEV117.1SPSOPENG	EUR	59,5900	59,5900	59,4800			59,4800					
Warrant	NL0012834022	INBEV52.85SPLOPENG	EUR	15,1200	15,1900	15,1200			15,1900					
Warrant	NL0012834014	INBEV55.54SPLOPENG	EUR	12,4200	12,4900	12,4200			12,4900					
Warrant	NL0012833180	INBEV61.61SPLOPENG	EUR	6,3600	6,4300	6,3600			6,4300					
Warrant	NL0012835342	INBEV64.73SPLOPENG	EUR	3,2300	3,3000	3,2300			3,3000					
Warrant	NL0012834303	INBEV65.32SPLOPENG	EUR											
Warrant	NL0012829949	INBEV65.46SPLOPENG	EUR											
Warrant	NL0012835201	INBEV67.83SPSOPENG	EUR											
Warrant	NL0012818629	INBEV68.91SPLOPENG	EUR											
Warrant	NL0012835953	INBEV72.09SPSOPENG	EUR	5,7200	5,7200	5,6100			5,6100					
Warrant	NL0012830723	INBEV76.06SPLOPENG	EUR											
Warrant	NL0012477889	INBEV76.25SPLOPENG	EUR											
Warrant	NL0012831366	INBEV77.59SPSOPENG	EUR	11,2200	11,2200	11,1100			11,1100					
Warrant	NL0012821706	INBEV80.05SPLOPENG	EUR											
Warrant	NL0012829105	INBEV83.51SPSOPENG	EUR	17,1300	17,1300	17,0200			17,0200					
Warrant	NL0012822647	INBEV83.98SPLOPENG	EUR											
Warrant	NL0012826887	INBEV84.04SPLOPENG	EUR											
Warrant	NL0012825756	INBEV89.86SPSOPENG	EUR	23,4900	23,4900	23,3800			23,3800					
Warrant	NL0010202446	ING 3SPLOPENG	EUR	8,3200	8,3200	8,2800			8,2800					
Warrant	NL0011844030	ING 7SPLOPENG	EUR	4,6900	4,6900	4,6400			4,6400					
Warrant	DE000CJ3N9G1	ING 11C 0319Z	EUR	0,5300	0,5550	0,5300			0,5550					
Warrant	DE000CJ3N9F3	ING 11C 1218Z	EUR	0,2400	0,2550	0,2400			0,2550					
Warrant	DE000CV8AVU7	ING 12C 0319Z	EUR	0,1850	0,1950	0,1850			0,1950					
Warrant	DE000CJ3PIZ6	ING 12C 0619Z	EUR	0,2650	0,2850	0,2650			0,2850					
Warrant	DE000CV895V1	ING 12C 1218Z	EUR	0,0230	0,0230	0,0230			0,0230					
Warrant	DE000CV8AMR2	ING 14C 0319Z	EUR	0,0230	0,0240	0,0230			0,0240					
Warrant	NL0009879188	ING 0.1SPLOPENG	EUR	11,0200	11,0200	10,9700			10,9700					
Warrant	NL0009109909	ING 0.6SPLOPENG	EUR	10,4900	10,4900	10,4400			10,4400					
Warrant	NL0009107739	ING 1.2SPLOPENG	EUR	9,9200	9,9200	9,8700			9,8700					
Warrant	NL0009107721	ING 1.9SPLOPENG	EUR	9,2700	9,2700	9,2200			9,2200					
Warrant	NL0010099842	ING 2.2SPLOPENG	EUR	9,0900	9,0900	9,0400			9,0400					
Warrant	NL0010100111	ING 2.4SPLOPENG	EUR	8,8600	8,8600	8,8100			8,8100					
Warrant	NL0010201844	ING 2.7SPLOPENG	EUR	8,6000	8,6000	8,5500			8,5500					
Warrant	NL0010203642	ING 3.3SPLOPENG	EUR	8,0500	8,0500	8,0000			8,0000					
Warrant	NL0010357497	ING 3.6SPLOPENG	EUR	7,8000	7,8000	7,7500			7,7500					
Warrant	NL0010360905	ING 3.9SPLOPENG	EUR	7,4900	7,4900	7,4500			7,4500					
Warrant	NL0010362810	ING 4.2SPLOPENG	EUR	7,2000	7,2000	7,1500			7,1500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010465795	ING 4.6SPLOPENG	EUR	6,8800	6,8800	6,8300			6,8300					
Warrant	NL0010467684	ING 4.9SPLOPENG	EUR	6,5700	6,5700	6,5300			6,5300					
Warrant	NL0010527297	ING 5.3SPLOPENG	EUR	6,2100	6,2100	6,1600			6,1600					
Warrant	NL0010529897	ING 5.7SPLOPENG	EUR	5,8600	5,8600	5,8100			5,8100					
Warrant	NL0010531042	ING 6.1SPLOPENG	EUR	5,4400	5,4400	5,3900			5,3900					
Warrant	NL0010541934	ING 6.6SPLOPENG	EUR	5,0700	5,0700	5,0200			5,0200					
Warrant	NL0011847454	ING 7.4SPLOPENG	EUR	4,2700	4,2700	4,2200			4,2200					
Warrant	NL0011848346	ING 7.9SPLOPENG	EUR	3,8600	3,8600	3,8100	95,2500	1	3,8100	25				
Warrant	NL0011850912	ING 8.2SPLOPENG	EUR	3,6000	3,6000	3,5500			3,5500					
Warrant	NL0011850904	ING 8.5SPLOPENG	EUR	3,3300	3,3300	3,2800			3,2800					
Warrant	NL0011850896	ING 8.8SPLOPENG	EUR	3,0700	3,0700	3,0200			3,0200					
Warrant	NL0011851878	ING 9.1SPLOPENG	EUR	2,7600	2,7600	2,7100			2,7100					
Warrant	NL0011856174	ING 9.5SPLOPENG	EUR	2,4400	2,4400	2,4000			2,4000					
Warrant	NL0011857362	ING 9.8SPLOPENG	EUR	2,1700	2,1700	2,1200			2,1200					
Warrant	NL0012833719	ING 10.1SPLOPENG	EUR											
Warrant	NL0012834592	ING 10.1SPLOPENG	EUR	1,8900	1,8900	1,8500			1,8500					
Warrant	NL0011857644	ING 10.1SPLOPENG	EUR											
Warrant	NL0012834584	ING 10.4SPLOPENG	EUR	1,6100	1,6100	1,5700			1,5700					
Warrant	NL0012833081	ING 10.4SPLOPENG	EUR											
Warrant	DE000CJ3PJY9	ING 10.5C 0619Z	EUR	0,8300	0,8650	0,8300			0,8650					
Warrant	NL0011859376	ING 10.5SPLOPENG	EUR											
Warrant	NL0012834964	ING 10.7SPLOPENG	EUR											
Warrant	NL0012829360	ING 10.8SPLOPENG	EUR											
Warrant	NL0012831945	ING 10.8SPLOPENG	EUR											
Warrant	NL0012829246	ING 10.8SPLOPENG	EUR											
Warrant	NL0012830418	ING 11.1SPLOPENG	EUR											
Warrant	NL0012831143	ING 11.1SPLOPENG	EUR											
Warrant	NL0011853338	ING 11.1SPLOPENG	EUR											
Warrant	NL0011859368	ING 11.2SPLOPENG	EUR											
Warrant	NL0012827216	ING 11.5SPLOPENG	EUR											
Warrant	NL0011862453	ING 11.6SPLOPENG	EUR											
Warrant	NL0012824957	ING 11.9SPLOPENG	EUR											
Warrant	NL0012827612	ING 11.9SPLOPENG	EUR											
Warrant	NL0012825442	ING 12.3SPLOPENG	EUR											
Warrant	NL0011859681	ING 12.9SPLOPENG	EUR											
Warrant	NL0012833552	ING 10.11SPLOPENG	EUR											
Warrant	NL0012834451	ING 10.12SPLOPENG	EUR	0,9800	0,9800	0,9300			0,9300					
Warrant	NL0011857230	ING 10.14SPLOPENG	EUR											
Warrant	NL0012834444	ING 10.43SPLOPENG	EUR	0,6800	0,6800	0,6100	8810,0000	2	0,6300	14000				
Warrant	NL0011857719	ING 10.49SPLOPENG	EUR											
Warrant	NL0012836324	ING 10.74SPLOPENG	EUR	0,3600	0,3600	0,3200	1750,0000	1	0,3200	5000				
Warrant	NL0012834436	ING 10.74SPLOPENG	EUR											
Warrant	NL0011858956	ING 10.82SPLOPENG	EUR											
Warrant	NL0012831259	ING 11.12SPLOPENG	EUR											
Warrant	NL0012830483	ING 11.12SPLOPENG	EUR											
Warrant	NL0011859202	ING 11.19SPLOPENG	EUR											
Warrant	NL0012830731	ING 11.45SPLOPENG	EUR											
Warrant	NL0011862099	ING 11.56SPLOPENG	EUR											
Warrant	NL0012823272	ING 11.91SPLOPENG	EUR											
Warrant	NL0012825350	ING 12.27SPLOPENG	EUR											
Warrant	NL0010355046	ING 3.368SPLOPENG	EUR	7,7000	7,7000	7,6600			7,6600					
Warrant	NL0010209789	ING 3.671SPLOPENG	EUR	7,3900	7,3900	7,3400			7,3400					
Warrant	NL0010361135	ING 4.298SPLOPENG	EUR	6,7600	6,7600	6,7200			6,7200					
Warrant	NL0010449583	ING 4.633SPLOPENG	EUR	6,4300	6,4300	6,3800			6,3800					
Warrant	NL0010466363	ING 4.986SPLOPENG	EUR	6,1200	6,1200	6,0700			6,0700					
Warrant	NL0010468138	ING 5.357SPLOPENG	EUR	5,7400	5,7400	5,6900			5,6900					
Warrant	NL0010528311	ING 5.746SPLOPENG	EUR	5,3700	5,3700	5,3200			5,3200					
Warrant	NL0010530903	ING 6.154SPLOPENG	EUR	4,9500	4,9500	4,9000			4,9000					
Warrant	NL0010531026	ING 6.584SPLOPENG	EUR	4,4700	4,4700	4,4200			4,4200					
Warrant	NL0010543476	ING 7.035SPLOPENG	EUR	4,0200	4,0200	3,9700			3,9700					
Warrant	NL0011847298	ING 7.467SPLOPENG	EUR	3,6400	3,6400	3,5900			3,5900					
Warrant	NL0011847959	ING 7.921SPLOPENG	EUR	3,1800	3,1800	3,1300			3,1300					
Warrant	NL0011850474	ING 8.386SPLOPENG	EUR	2,7200	2,7200	2,6700			2,6700					
Warrant	NL0011850466	ING 8.874SPLOPENG	EUR	2,2000	2,2000	2,1500			2,1500					
Warrant	NL0011851340	ING 9.182SPLOPENG	EUR	1,9500	1,9500	1,9000			1,9000					
Warrant	NL0011856067	ING 9.499SPLOPENG	EUR	1,5600	1,5800	1,5200	208,3700	2	1,5200	134				
Warrant	NL0011856646	ING 9.826SPLOPENG	EUR	1,2300	1,2300	1,1800	1228,2600	2	1,1800	1007				
Warrant	NL0010531091	KBC 26SPLOPENG	EUR	39,4400	39,4400	39,4400			39,4400					
Warrant	DE000CJ3PJ01	KBC 63C 0619Z	EUR	0,8700	0,8700	0,8300			0,8300					
Warrant	DE000CV895X7	KBC 63C 1218Z	EUR	0,4100	0,4100	0,3700			0,3700					
Warrant	DE000CJ3N9H9	KBC 64C 0319Z	EUR	0,6700	0,6700	0,6600			0,6600					
Warrant	DE000CV8AM50	KBC 70C 0319Z	EUR	0,2450	0,2450	0,2450			0,2450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	DE000CV895Y5	KBC 70C 1218Z	EUR	0,0260	0,0270	0,0260			0,0270					
Warrant	DE000CJ3P119	KBC 72C 0619Z	EUR	0,2950	0,2950	0,2850			0,2850					
Warrant	NL0010218137	KBC 14.45PLOPENG	EUR	49,9200	49,9200	49,9200			49,9200					
Warrant	NL0010219358	KBC 17.85PLOPENG	EUR	46,8200	46,8200	46,8200			46,8200					
Warrant	NL0010530333	KBC 23.75PLOPENG	EUR	41,4400	41,4400	41,4400			41,4400					
Warrant	NL0010536868	KBC 28.35PLOPENG	EUR	37,2800	37,2800	37,2800			37,2800					
Warrant	NL0010939120	KBC 31.65PLOPENG	EUR	34,3000	34,3000	34,3000			34,3000					
Warrant	NL0011846357	KBC 34.35PLOPENG	EUR	31,8800	31,8800	31,8800			31,8800					
Warrant	NL0011852090	KBC 42.65PLOPENG	EUR	20,7000	20,7000	20,7000			20,7000					
Warrant	NL0011855341	KBC 43.55PLOPENG	EUR	23,5300	23,5300	23,5300			23,5300					
Warrant	NL0012064661	KBC 50.65PLOPENG	EUR	17,0700	17,0700	17,0700			17,0700					
Warrant	NL0012073258	KBC 59.75PLOPENG	EUR											
Warrant	NL0012821482	KBC 62.85PLOPENG	EUR											
Warrant	NL0012478200	KBC 71.95PSOPENG	EUR	9,2200	9,3600	9,2200	1143,2800	1	9,3600	124				
Warrant	NL0010753679	KBC 28.175PLOPENG	EUR	35,1300	35,1300	35,1300			35,1300					
Warrant	NL0010694592	KBC 31.985PLOPENG	EUR	31,3200	31,3200	31,3200			31,3200					
Warrant	NL0010831020	KBC 33.965PLOPENG	EUR	29,3500	29,3500	29,3500			29,3500					
Warrant	NL0011847991	KBC 35.965PLOPENG	EUR	27,3500	27,3500	27,3500			27,3500					
Warrant	NL0011848833	KBC 38.075PLOPENG	EUR	25,2400	25,2400	25,2400			25,2400					
Warrant	NL0011850573	KBC 40.285PLOPENG	EUR	23,0200	23,0200	23,0200			23,0200					
Warrant	NL0011856786	KBC 45.035PLOPENG	EUR	18,2700	18,2700	18,2700			18,2700					
Warrant	NL0011859756	KBC 50.275PLOPENG	EUR	13,0400	13,0400	13,0400			13,0400					
Warrant	NL0012070387	KBC 53.055PLOPENG	EUR	10,3200	10,3200	10,2600	4128,0000	1	10,2600	400				
Warrant	NL0012070601	KBC 55.965PLOPENG	EUR	7,3400	7,3400	7,3400			7,3400					
Warrant	NL0012835987	KBC 58.775PLOPENG	EUR	4,5300	4,5300	4,5300			4,5300					
Warrant	NL0012076848	KBC 62.635PLOPENG	EUR											
Warrant	NL0012829964	KBC 62.685PLOPENG	EUR											
Warrant	NL0012824809	KBC 66.795PSOPENG	EUR	4,2600	4,2600	4,2600			4,2600					
Warrant	DE000CV89851	KGX 110C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0011018122	KPN 25PLOPENG	EUR	0,8100	0,8100	0,8000			0,8000					
Warrant	NL0010351045	KPN 0.35PLOPENG	EUR	2,2900	2,2900	2,2800			2,2800					
Warrant	NL0010350260	KPN 0.55PLOPENG	EUR	2,1400	2,1400	2,1300			2,1300					
Warrant	NL0010461570	KPN 0.65PLOPENG	EUR	2,0800	2,0800	2,0700			2,0700					
Warrant	NL0010461836	KPN 0.75PLOPENG	EUR	1,9500	1,9500	1,9400			1,9400					
Warrant	NL0010465803	KPN 0.85PLOPENG	EUR	1,8500	1,8500	1,8400			1,8400					
Warrant	NL0010528345	KPN 0.95PLOPENG	EUR	1,7600	1,7600	1,7500			1,7500					
Warrant	NL0010528337	KPN 1.15PLOPENG	EUR	1,6100	1,6100	1,6000			1,6000					
Warrant	NL0010529194	KPN 1.25PLOPENG	EUR	1,4800	1,4800	1,4700			1,4700					
Warrant	NL0010531331	KPN 1.45PLOPENG	EUR	1,3500	1,3500	1,3400			1,3400					
Warrant	NL0010830089	KPN 1.55PLOPENG	EUR	1,2800	1,2800	1,2700			1,2700					
Warrant	NL0010940078	KPN 1.65PLOPENG	EUR	1,1800	1,1800	1,1700			1,1700					
Warrant	NL0010941084	KPN 1.75PLOPENG	EUR	1,0200	1,0200	1,0100			1,0100					
Warrant	NL0011011945	KPN 1.95PLOPENG	EUR	0,9200	0,9200	0,9200			0,9200					
Warrant	NL0011021183	KPN 2.15PLOPENG	EUR	0,6600	0,6600	0,6500			0,6500					
Warrant	DE000CV89622	KPN 2.2C 1218Z	EUR	0,3200	0,3750	0,3200			0,3750					
Warrant	NL0012833727	KPN 2.35PLOPENG	EUR											
Warrant	NL0012822993	KPN 2.35PLOPENG	EUR											
Warrant	DE000CV89630	KPN 2.4C 1218Z	EUR	0,1450	0,1950	0,1450			0,1950					
Warrant	NL0012826127	KPN 2.55PLOPENG	EUR											
Warrant	NL0012825954	KPN 2.55PLOPENG	EUR											
Warrant	NL0012827422	KPN 2.55PSOPENG	EUR											
Warrant	NL0012474696	KPN 2.65PSOPENG	EUR	0,3700	0,3800	0,3700			0,3800					
Warrant	NL0011850920	KPN 2.75PLOPENG	EUR											
Warrant	NL0012469621	KPN 2.85PSOPENG	EUR	0,6800	0,6900	0,6800			0,6900					
Warrant	NL0011296728	KPN 3.25PSOPENG	EUR	1,0100	1,0200	1,0100			1,0200					
Warrant	NL0012828198	KPN 1.955PLOPENG	EUR	0,6800	0,6800	0,6700			0,6700					
Warrant	NL0011861612	KPN 2.095PLOPENG	EUR	0,5200	0,5200	0,5000	250,0000	1	0,5200	500				
Warrant	NL0012830749	KPN 2.255PLOPENG	EUR											
Warrant	NL0011854443	KPN 2.255PLOPENG	EUR											
Warrant	NL0012832836	KPN 2.255PLOPENG	EUR	0,3800	0,3800	0,3600	2210,0000	2	0,3700	6000				
Warrant	NL0012825764	KPN 2.465PLOPENG	EUR											
Warrant	NL0012475677	KPN 2.755PSOPENG	EUR	0,2700	0,2700	0,2700			0,2700					
Warrant	NL0011625587	KPN 3.055PSOPENG	EUR	0,5600	0,5700	0,5600			0,5700					
Warrant	NL0012823132	LIGHT 19SPLOPENG	EUR	5,6800	5,6800	5,1500			5,1500					
Warrant	NL0012833115	LIGHT 16.55PLOPENG	EUR	8,0600	8,0600	7,5300			7,5300					
Warrant	NL0012831804	LIGHT 17.35PLOPENG	EUR	6,2100	6,2100	5,6800			5,6800					
Warrant	NL0012823686	LIGHT 17.75PLOPENG	EUR	6,9100	6,9100	6,3800			6,3800					
Warrant	NL0012823371	LIGHT 18.25PLOPENG	EUR	5,3100	5,3100	4,7800			4,7800					
Warrant	NL0012820047	LIGHT 20.45PLOPENG	EUR											
Warrant	NL0012833941	LIGHT 21.85PSOPENG	EUR											
Warrant	NL0012826051	LIGHT 21.95PLOPENG	EUR											
Warrant	NL0012826044	LIGHT 23.35PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012827265	LIGHT 23.4SPLOPENG	EUR											
Warrant	NL0012825004	LIGHT 24.9SPSOPENG	EUR											
Warrant	NL0012834535	LIGHT19.11SPLOPENG	EUR	4,4000	4,4000	3,8700			3,8700					
Warrant	NL0012822423	LIGHT19.13SPLOPENG	EUR											
Warrant	NL0012834527	LIGHT20.07SPLOPENG	EUR	3,4400	3,4400	2,9100			2,9100					
Warrant	NL0012820583	LIGHT20.13SPLOPENG	EUR											
Warrant	NL0012834519	LIGHT21.09SPLOPENG	EUR	2,4300	2,4300	1,9000	185,4000	1	1,9000	90				
Warrant	NL0012819510	LIGHT21.16SPLOPENG	EUR											
Warrant	NL0012832133	LIGHT21.83SPSOPENG	EUR											
Warrant	NL0012825855	LIGHT22.21SPLOPENG	EUR											
Warrant	NL0012825848	LIGHT23.26SPLOPENG	EUR											
Warrant	NL0012826424	LIGHT23.31SPLOPENG	EUR											
Warrant	NL0012830509	LIGHT23.34SPLOPENG	EUR											
Warrant	NL0012832141	LIGHT23.41SPSOPENG	EUR											
Warrant	NL0012830772	LIGHT24.52SPLOPENG	EUR											
Warrant	NL0012832158	LIGHT25.18SPSOPENG	EUR	2,0700	2,5900	1,9100	4405,0000	3	2,5900	2000				
Warrant	NL0012824262	LIGHT25.29SPSOPENG	EUR											
Warrant	NL0012819726	LIGHT27.08SPSOPENG	EUR	3,9800	4,5000	3,9800			4,5000					
Warrant	NL0012819528	LIGHT29.13SPSOPENG	EUR	6,0200	6,5400	6,0200			6,5400					
Warrant	DE000CV8AZ16	LRCX 180C 0319Z	EUR	0,1150	0,1450	0,1150			0,1450					
Warrant	DE000CV8AVW3	LRCX 180C 1218Z	EUR	0,0100	0,0110	0,0100			0,0110					
Warrant	DE000CV8AKD6	LRCX 200C 0319Z	EUR	0,0410	0,0540	0,0410			0,0540					
Warrant	DE000CV88160	LRCX 220C 0619Z	EUR	0,1050	0,1350	0,1050			0,1350					
Warrant	NL0010965935	LVMH 107SPLOPENG	EUR	15,7200	15,7800	15,7200			15,7800					
Warrant	NL0010966826	LVMH 118SPLOPENG	EUR	14,7100	14,7700	14,7100			14,7700					
Warrant	NL0011856224	LVMH 130SPLOPENG	EUR	13,6500	13,7200	13,6500			13,7200					
Warrant	NL0012063267	LVMH 170SPLOPENG	EUR	9,9100	9,9700	9,9100			9,9700					
Warrant	NL0012825269	LVMH 220SPLOPENG	EUR	5,2500	5,3200	5,2500			5,3200					
Warrant	NL0012825251	LVMH 261SPLOPENG	EUR											
Warrant	NL0012828750	LVMH 284SPLOPENG	EUR											
Warrant	DE000CV8AKF1	MCDON 160C 1218Z	EUR	1,0800	1,1700	1,0800			1,1700					
Warrant	DE000CJ3N9Y4	MCDON 170C 0319Z	EUR	0,7850	0,8550	0,7850			0,8550					
Warrant	DE000CV8AKG9	MCDON 170C 1218Z	EUR	0,6500	0,7400	0,6500			0,7400					
Warrant	DE000CJ3N9Z1	MCDON 180C 0319Z	EUR	0,4650	0,5250	0,4650			0,5250					
Warrant	DE000CJ3N906	MICRO 44C 1218Z	EUR	0,0280	0,0350	0,0280			0,0350					
Warrant	DE000CJ3N914	MICRO 46C 0319Z	EUR	0,1150	0,1250	0,1150			0,1250					
Warrant	DE000CV8AZW4	MICRO 48C 1218Z	EUR	0,0110	0,0120	0,0110			0,0120					
Warrant	DE000CV8AY33	MICRO 50C 0319Z	EUR	0,0630	0,0710	0,0630			0,0710					
Warrant	DE000CV8AM60	MICRO 52C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKK1	MICRO 60C 0319Z	EUR	0,0150	0,0160	0,0150			0,0160					
Warrant	DE000CV88178	MICRO 60C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKM7	MSOFT 110C 1218Z	EUR	0,0920	0,1550	0,0920			0,1550					
Warrant	DE000CJ3N922	MSOFT 112C 0319Z	EUR	0,2050	0,2650	0,2050			0,2650					
Warrant	DE000CJ3N930	MSOFT 120C 0319Z	EUR	0,0900	0,1250	0,0900			0,1250					
Warrant	DE000CV8ANL3	MSOFT 120C 1218Z	EUR	0,0110	0,0130	0,0110			0,0130					
Warrant	NL0010544425	MSOFT 30.5SPLOPENG	EUR	72,5900	72,5900	72,5900			72,5900					
Warrant	NL0010680682	MSOFT 33.9SPLOPENG	EUR	69,8000	69,8000	69,8000			69,8000					
Warrant	NL0010746491	MSOFT 37.6SPLOPENG	EUR	66,8200	66,8200	66,8200			66,8200					
Warrant	NL0011621560	MSOFT 45.5SPLOPENG	EUR	60,3300	60,3300	60,3300			60,3300					
Warrant	NL0011850185	MSOFT 54.7SPLOPENG	EUR	52,7200	52,7200	52,7200			52,7200					
Warrant	NL0009105170	NASDAQ 1110SPLOPENG	EUR	50,3400	50,3400	50,3400			50,3400					
Warrant	NL0009371608	NASDAQ 1940SPLOPENG	EUR	43,3700	43,3700	43,3700			43,3700					
Warrant	NL0010344073	NASDAQ 2670SPLOPENG	EUR	37,2300	37,2300	37,2300			37,2300					
Warrant	NL0010362489	NASDAQ 2810SPLOPENG	EUR	35,9800	35,9800	35,9800			35,9800					
Warrant	NL0010538815	NASDAQ 3130SPLOPENG	EUR	33,2800	33,2800	33,2800			33,2800					
Warrant	NL0010543708	NASDAQ 3340SPLOPENG	EUR	31,5000	31,5000	31,5000			31,5000					
Warrant	NL0010590782	NASDAQ 3560SPLOPENG	EUR	29,6300	29,6300	29,6300			29,6300					
Warrant	NL0010742151	NASDAQ 3759SPLOPENG	EUR	26,4500	26,4500	26,4500			26,4500					
Warrant	NL0010745253	NASDAQ 3840SPLOPENG	EUR	25,7400	25,7400	25,7400			25,7400					
Warrant	NL0010747333	NASDAQ 3925SPLOPENG	EUR	25,0100	25,0100	25,0100			25,0100					
Warrant	NL0011363890	NASDAQ 3984SPLOPENG	EUR	24,4600	24,4600	24,4600			24,4600					
Warrant	NL0011364740	NASDAQ 4000SPLOPENG	EUR	25,9600	25,9600	25,9600			25,9600					
Warrant	NL0011363882	NASDAQ 4005SPLOPENG	EUR	24,2700	24,2700	24,2700			24,2700					
Warrant	NL0011363874	NASDAQ 4026SPLOPENG	EUR	24,0900	24,0900	24,0900			24,0900					
Warrant	NL0011363866	NASDAQ 4047SPLOPENG	EUR	23,9000	23,9000	23,9000			23,9000					
Warrant	NL0011363858	NASDAQ 4068SPLOPENG	EUR	23,7600	23,7600	23,7600			23,7600					
Warrant	NL0011618210	NASDAQ 4080SPLOPENG	EUR	25,2500	25,2500	25,2500			25,2500					
Warrant	NL0011620448	NASDAQ 4098SPLOPENG	EUR	23,5000	23,5000	23,5000			23,5000					
Warrant	NL0011619556	NASDAQ 4170SPLOPENG	EUR	24,5400	24,5400	24,5400			24,5400					
Warrant	NL0011620430	NASDAQ 4188SPLOPENG	EUR	22,7500	22,7500	22,7500			22,7500					
Warrant	NL0011618145	NASDAQ 4220SPSOPENG	EUR											
Warrant	NL0011620638	NASDAQ 4249SPLOPENG	EUR	22,1600	22,1600	22,1600			22,1600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011621263	NASDQ 4250SPLOPENG	EUR	23,8000	23,8000	23,8000			23,8000					
Warrant	NL0011622592	NASDQ 4280SPLOPENG	EUR	21,8900	21,8900	21,8900			21,8900					
Warrant	NL0011633847	NASDQ 4293SPLOPENG	EUR											
Warrant	NL0011845698	NASDQ 4333SPLOPENG	EUR	21,4400	21,4400	21,4400			21,4400					
Warrant	NL0011622337	NASDQ 4340SPLOPENG	EUR	23,0600	23,0600	23,0600			23,0600					
Warrant	NL0011846050	NASDQ 4387SPLOPENG	EUR	20,9600	20,9600	20,9600			20,9600					
Warrant	NL0011845516	NASDQ 4430SPLOPENG	EUR	22,3000	22,3000	22,3000			22,3000					
Warrant	NL0011846639	NASDQ 4442SPLOPENG	EUR	20,4800	20,4800	20,4800			20,4800					
Warrant	NL0011847827	NASDQ 4497SPLOPENG	EUR	19,9900	19,9900	19,9900			19,9900					
Warrant	NL0011845979	NASDQ 4520SPLOPENG	EUR	21,5200	21,5200	21,5200			21,5200					
Warrant	NL0011848270	NASDQ 4552SPLOPENG	EUR	19,4900	19,4900	19,4900			19,4900					
Warrant	NL0011848957	NASDQ 4609SPLOPENG	EUR	19,0300	19,0300	19,0300			19,0300					
Warrant	NL0011849401	NASDQ 4666SPLOPENG	EUR	18,5300	18,5300	18,5300			18,5300					
Warrant	NL0011850821	NASDQ 4690SPLOPENG	EUR											
Warrant	NL0011848130	NASDQ 4710SPLOPENG	EUR	19,9300	19,9300	19,9300			19,9300					
Warrant	NL0011849914	NASDQ 4723SPLOPENG	EUR	18,0200	18,0200	18,0200			18,0200					
Warrant	NL0011851449	NASDQ 4782SPLOPENG	EUR	17,5000	17,5000	17,5000			17,5000					
Warrant	NL0011850037	NASDQ 4810SPLOPENG	EUR	19,1100	19,1100	19,1100			19,1100					
Warrant	NL0011855176	NASDQ 4841SPLOPENG	EUR	16,9800	16,9800	16,9800			16,9800					
Warrant	NL0012061667	NASDQ 4900SPLOPENG	EUR	16,4500	16,4500	16,4500			16,4500					
Warrant	NL0011862867	NASDQ 4910SPLOPENG	EUR	18,2900	18,2900	18,2900			18,2900					
Warrant	NL0012063481	NASDQ 4961SPLOPENG	EUR	15,9200	15,9200	15,9200			15,9200					
Warrant	NL0012063606	NASDQ 5010SPLOPENG	EUR	17,4400	17,4400	17,4400			17,4400					
Warrant	NL0012063937	NASDQ 5022SPLOPENG	EUR	15,3700	15,3700	15,3700			15,3700					
Warrant	NL0012064992	NASDQ 5084SPLOPENG	EUR	14,8300	14,8300	14,8300			14,8300					
Warrant	NL0012065460	NASDQ 5146SPLOPENG	EUR	14,2800	14,2800	14,2800			14,2800					
Warrant	NL0012066096	NASDQ 5209SPLOPENG	EUR	13,7200	13,7200	13,7200			13,7200					
Warrant	NL0012064190	NASDQ 5210SPLOPENG	EUR	15,6900	15,6900	15,6900			15,6900					
Warrant	NL0012066146	NASDQ 5273SPLOPENG	EUR	13,1500	13,1500	13,1500			13,1500					
Warrant	NL0012065882	NASDQ 5320SPLOPENG	EUR	14,7900	14,7900	14,7900			14,7900					
Warrant	NL0012066997	NASDQ 5338SPLOPENG	EUR	12,5800	12,5800	12,5800			12,5800					
Warrant	NL0012069447	NASDQ 5403SPLOPENG	EUR	12,0000	12,0000	12,0000			12,0000					
Warrant	NL0012066500	NASDQ 5430SPLOPENG	EUR	13,8700	13,8700	13,8700			13,8700					
Warrant	NL0012070965	NASDQ 5469SPLOPENG	EUR	11,4200	11,4200	11,4200			11,4200					
Warrant	NL0012071120	NASDQ 5536SPLOPENG	EUR	10,8200	10,8200	10,8200			10,8200					
Warrant	NL0012069207	NASDQ 5540SPLOPENG	EUR	12,9400	12,9400	12,9400			12,9400					
Warrant	NL0012072003	NASDQ 5604SPLOPENG	EUR	10,2200	10,2200	10,2200			10,2200					
Warrant	NL0012073290	NASDQ 5741SPLOPENG	EUR	9,0100	9,0100	9,0100			9,0100					
Warrant	NL0012071476	NASDQ 5770SPLOPENG	EUR	11,0100	11,0100	11,0100			11,0100					
Warrant	NL0012076574	NASDQ 5811SPLOPENG	EUR	8,3900	8,3900	8,3900			8,3900					
Warrant	NL0012078851	NASDQ 5880SPLOPENG	EUR	10,0200	10,0200	10,0200			10,0200					
Warrant	NL0012079255	NASDQ 5882SPLOPENG	EUR	7,7600	7,8000	7,7600	1560,0000	1		200				
Warrant	NL0012463061	NASDQ 5954SPLOPENG	EUR	7,1300	7,1300	7,1300			7,1300					
Warrant	NL0012079420	NASDQ 6000SPLOPENG	EUR	9,0200	9,0200	9,0200			9,0200					
Warrant	NL0012464606	NASDQ 6026SPLOPENG	EUR	6,4900	6,4900	6,4900			6,4900					
Warrant	NL0012464937	NASDQ 6099SPLOPENG	EUR	5,8400	5,8400	5,8400			5,8400					
Warrant	NL0012464036	NASDQ 6120SPLOPENG	EUR	7,9900	7,9900	7,9900			7,9900					
Warrant	NL0012465579	NASDQ 6173SPLOPENG	EUR	5,1800	5,2600	5,1800	2630,0000	1	5,2600	500				
Warrant	NL0012466569	NASDQ 6248SPLOPENG	EUR	4,5200	4,5300	4,4900	4961,0000	2	4,5300	1100				
Warrant	NL0012465462	NASDQ 6250SPLOPENG	EUR	6,9500	6,9500	6,9500			6,9500					
Warrant	NL0012473227	NASDQ 6370SPLOPENG	EUR	5,8800	5,8800	5,8800			5,8800					
Warrant	NL0012473466	NASDQ 6400SPLOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012481105	NASDQ 6473SPLOPENG	EUR											
Warrant	NL0012479513	NASDQ 6500SPLOPENG	EUR											
Warrant	NL0012818702	NASDQ 6551SPLOPENG	EUR											
Warrant	NL0012481253	NASDQ 6610SPLOPENG	EUR											
Warrant	NL0012819239	NASDQ 6623SPLOPENG	EUR											
Warrant	NL0012834881	NASDQ 6630SPLOPENG	EUR											
Warrant	NL0012819221	NASDQ 6703SPLOPENG	EUR											
Warrant	NL0012834949	NASDQ 6706SPLOPENG	EUR											
Warrant	NL0012819916	NASDQ 6740SPLOPENG	EUR											
Warrant	NL0012821268	NASDQ 6779SPLOPENG	EUR											
Warrant	NL0012821300	NASDQ 6861SPLOPENG	EUR											
Warrant	NL0012819908	NASDQ 6880SPLOPENG	EUR											
Warrant	NL0012821953	NASDQ 6935SPLOPENG	EUR											
Warrant	NL0012832984	NASDQ 6943SPLOPENG	EUR											
Warrant	NL0012835912	NASDQ 6975SPLOPENG	EUR	2,3300	2,3300	2,2800	1493,4000	1	2,2800	655				
Warrant	NL0012824197	NASDQ 7018SPLOPENG	EUR											
Warrant	NL0012822886	NASDQ 7020SPLOPENG	EUR											
Warrant	NL0012835581	NASDQ 7059SPLOPENG	EUR	3,0800	3,0800	3,0800			3,0800					
Warrant	NL0012824601	NASDQ 7101SPLOPENG	EUR											
Warrant	NL0012823827	NASDQ 7160SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012828370	NASDQ 7186SPLOPENG	EUR											
Warrant	NL0012824288	NASDQ 7250SPLOPENG	EUR											
Warrant	NL0012828529	NASDQ 7271SPLOPENG	EUR											
Warrant	NL0012827307	NASDQ 7300SPLOPENG	EUR											
Warrant	NL0012832513	NASDQ 7409SPLOPENG	EUR	6,1800	6,1800	6,1800			6,1800					
Warrant	NL0012828487	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012829899	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012831309	NASDQ 7450SPLOPENG	EUR											
Warrant	NL0012470587	NASDQ 7519SPLOPENG	EUR											
Warrant	NL0012829709	NASDQ 7570SPLOPENG	EUR											
Warrant	NL0012828727	NASDQ 7580SPLOPENG	EUR											
Warrant	NL0012828057	NASDQ 7580SPLOPENG	EUR											
Warrant	NL0012832521	NASDQ 7590SPLOPENG	EUR	7,7800	7,7800	7,7800			7,7800					
Warrant	NL0012470785	NASDQ 7609SPLOPENG	EUR											
Warrant	NL0012826812	NASDQ 7720SPLOPENG	EUR	12,3300	12,3300	12,3300			12,3300					
Warrant	NL0012471338	NASDQ 7776SPLOPENG	EUR	9,4300	9,4300	9,4300			9,4300					
Warrant	NL0012820245	NASDQ 7870SPLOPENG	EUR	10,2600	10,2600	10,2600			10,2600					
Warrant	NL0012821961	NASDQ 7965SPLOPENG	EUR	11,1000	11,1000	11,1000			11,1000					
Warrant	NL0012826499	NASDQ 8158SPLOPENG	EUR	12,8100	12,8100	12,8100			12,8100					
Warrant	NL0012826788	NASDQ 8256SPLOPENG	EUR	13,6800	13,6800	13,6800			13,6800					
Warrant	NL0012828537	NASDQ 8355SPLOPENG	EUR	14,5600	14,5600	14,5600			14,5600					
Warrant	NL0012830954	NASDQ 8456SPLOPENG	EUR	15,4400	15,4400	15,4400			15,4400					
Warrant	NL0012826903	NASDQ 8530SPLOPENG	EUR	19,8300	19,8300	19,8300			19,8300					
Warrant	NL0012067664	NESTL 53SPLOPENG	EUR	32,0900	32,0900	32,0900			32,0900					
Warrant	NL0012471056	NESTL 56SPLOPENG	EUR	2,9600	2,9600	2,9600			2,9600					
Warrant	NL0012471049	NESTL 61SPLOPENG	EUR	2,6300	2,6300	2,6300			2,6300					
Warrant	NL0012471031	NESTL 70SPLOPENG	EUR	1,8900	1,8900	1,8900			1,8900					
Warrant	NL0012470926	NESTL 84SPLOPENG	EUR											
Warrant	NL0012471064	NESTL 87SPLOPENG	EUR	0,9200	0,9200	0,9200			0,9200					
Warrant	NL0012473094	NESTL69.38SPLOPENG	EUR	2,4100	2,4100	2,4100			2,4100					
Warrant	NL0012823959	NESTL72.87SPLOPENG	EUR	2,1000	2,1000	2,1000			2,1000					
Warrant	NL0006408171	NIKEI 5530SPLOPENG	EUR	131,4000	131,4000	131,4000			131,4000					
Warrant	NL0010204343	NIKEI 7840SPLOPENG	EUR	114,0700	114,0700	114,0700			114,0700					
Warrant	NL0010344438	NIKEI 9890SPLOPENG	EUR	98,6300	98,6300	98,6300			98,6300					
Warrant	NL0010347456	NIKEI10470SPLOPENG	EUR	94,2800	94,2800	94,2800			94,2800					
Warrant	NL0010466405	NIKEI13080SPLOPENG	EUR	74,6800	74,6800	74,6800			74,6800					
Warrant	NL0010746582	NIKEI14260SPLOPENG	EUR	65,7600	65,7600	65,7600			65,7600					
Warrant	NL0011844923	NIKEI14710SPLOPENG	EUR	62,3600	62,3600	62,3600			62,3600					
Warrant	NL0011848148	NIKEI15180SPLOPENG	EUR	58,8600	58,8600	58,8600			58,8600					
Warrant	NL0011848528	NIKEI15660SPLOPENG	EUR	55,2500	55,2500	55,2500			55,2500					
Warrant	NL0011859616	NIKEI16650SPLOPENG	EUR	47,7800	47,7800	47,7800			47,7800					
Warrant	NL0011861117	NIKEI17710SPLOPENG	EUR	39,8400	39,8400	39,8400			39,8400					
Warrant	NL0012062012	NIKEI18260SPLOPENG	EUR	35,6900	35,6900	35,6900			35,6900					
Warrant	NL0012071484	NIKEI18820SPLOPENG	EUR	31,4500	31,4500	31,4500			31,4500					
Warrant	NL0012081020	NIKEI19400SPLOPENG	EUR	27,0900	27,0900	27,0900			27,0900					
Warrant	NL0012834048	NIKEI19980SPLOPENG	EUR	2,3400	2,3400	2,3400			2,3400					
Warrant	NL0012834774	NIKEI20590SPLOPENG	EUR	1,8900	1,8900	1,8900			1,8900					
Warrant	NL0012480909	NIKEI21180SPLOPENG	EUR											
Warrant	NL0012835227	NIKEI2120SPLOPENG	EUR	1,4300	1,4300	1,4300			1,4300					
Warrant	NL0012828321	NIKEI21820SPLOPENG	EUR											
Warrant	NL0012824296	NIKEI21900SPLOPENG	EUR											
Warrant	NL0012831325	NIKEI22480SPLOPENG	EUR											
Warrant	NL0012834055	NIKEI22570SPLOPENG	EUR											
Warrant	NL0012831317	NIKEI23150SPLOPENG	EUR											
Warrant	NL0012835235	NIKEI23250SPLOPENG	EUR	1,5200	1,5200	1,5200			1,5200					
Warrant	NL0012472567	NIKEI23480SPLOPENG	EUR											
Warrant	NL0012832182	NIKEI23990SPLOPENG	EUR	2,1000	2,1000	2,1000			2,1000					
Warrant	NL0012466882	NIKEI24730SPLOPENG	EUR	26,2100	26,2100	26,2100			26,2100					
Warrant	NL0012822035	NIKEI25480SPLOPENG	EUR	3,2900	3,2900	3,2900			3,2900					
Warrant	NL0012822043	NIKEI27040SPLOPENG	EUR	4,5500	4,5500	4,5500			4,5500					
Warrant	NL0012826820	NIKEI27860SPLOPENG	EUR	5,2100	5,2100	5,2100			5,2100					
Warrant	NL0010206934	NKOYJ 1SPLOPENG	EUR	4,0500	4,0500	4,0500			4,0500					
Warrant	NL0010087102	NKOYJ 0.25SPLOPENG	EUR	4,7500	4,7500	4,7500			4,7500					
Warrant	NL0010086112	NKOYJ 0.45SPLOPENG	EUR	4,6200	4,6200	4,6200			4,6200					
Warrant	NL0010203246	NKOYJ 0.95SPLOPENG	EUR	4,1700	4,1700	4,1700			4,1700					
Warrant	NL0010213492	NKOYJ 1.25SPLOPENG	EUR	3,8900	3,8900	3,8900			3,8900					
Warrant	NL0010215620	NKOYJ 1.35SPLOPENG	EUR	3,7700	3,7700	3,7700			3,7700					
Warrant	NL0010363313	NKOYJ 1.75SPLOPENG	EUR	3,4500	3,4500	3,4500			3,4500					
Warrant	NL0010535423	NKOYJ 2.35SPLOPENG	EUR	2,8300	2,8300	2,8300			2,8300					
Warrant	NL0010594156	NKOYJ 3.15SPLOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0011198098	NKOYJ 6.15SPLOPENG	EUR	2,0100	2,0100	2,0100			2,0100					
Warrant	NL0011303268	NKOYJ 6.95SPLOPENG	EUR	2,8200	2,8200	2,8200			2,8200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010751889	NNGRP 10.25PLOPENG	EUR	28,9700	28,9700	28,5000			28,5000					
Warrant	NL0010751871	NNGRP 12.55PLOPENG	EUR	26,8700	26,8700	26,4000			26,4000					
Warrant	NL0010751863	NNGRP 12.65PLOPENG	EUR	26,7500	26,7500	26,2800			26,2800					
Warrant	NL0010751855	NNGRP 13.95PLOPENG	EUR	25,5000	25,5000	25,0300			25,0300					
Warrant	NL0010752226	NNGRP 16.55PLOPENG	EUR	23,1100	23,1100	22,6400			22,6400					
Warrant	NL0010944013	NNGRP 16.95PLOPENG	EUR	22,6800	22,6800	22,2100			22,2100					
Warrant	NL0011022447	NNGRP 18.65PLOPENG	EUR	21,1500	21,1500	20,6800			20,6800					
Warrant	NL0011851993	NNGRP 21.35PLOPENG	EUR	18,6500	18,6500	18,1800			18,1800					
Warrant	NL0011852694	NNGRP 21.95PLOPENG	EUR	18,1100	18,1100	17,6400			17,6400					
Warrant	NL0011861968	NNGRP 26.75PLOPENG	EUR	13,6200	13,6200	13,1500			13,1500					
Warrant	NL0012075030	NNGRP 27.55PLOPENG	EUR	12,8300	12,8300	12,3600			12,3600					
Warrant	NL0012075204	NNGRP 28.85PLOPENG	EUR	9,7200	9,7200	9,2500			9,2500					
Warrant	NL0012080055	NNGRP 30.75PLOPENG	EUR	9,8600	9,8600	9,3900			9,3900					
Warrant	NL0012465249	NNGRP 31.85PLOPENG	EUR	8,8600	8,8600	8,3900			8,3900					
Warrant	NL0012824148	NNGRP 34.15PLOPENG	EUR	6,7400	6,7400	6,2700			6,2700					
Warrant	NL0012829923	NNGRP 36.55PLOPENG	EUR	4,5100	4,5100	4,0400			4,0400					
Warrant	NL0012830491	NNGRP 37.15PLOPENG	EUR											
Warrant	NL0012465256	NNGRP 39.15PSOPENG	EUR											
Warrant	NL0012829931	NNGRP 42.55PSOPENG	EUR	7,6100	8,0600	7,6100			8,0600					
Warrant	NL0011856513	NNGRP21.79SPLOPENG	EUR	16,6900	16,6900	16,2200			16,2200					
Warrant	NL0011856505	NNGRP23.11SPLOPENG	EUR	15,4200	15,4200	14,9500			14,9500					
Warrant	NL0011859780	NNGRP24.43SPLOPENG	EUR	14,0900	14,0900	13,6200			13,6200					
Warrant	NL0011860556	NNGRP25.84SPLOPENG	EUR	12,6900	12,6900	12,2200			12,2200					
Warrant	NL0012071344	NNGRP27.31SPLOPENG	EUR	11,2100	11,2100	10,7400			10,7400					
Warrant	NL0012075642	NNGRP30.37SPLOPENG	EUR	8,1500	8,1500	7,6800			7,6800					
Warrant	NL0012080816	NNGRP31.99SPLOPENG	EUR	6,5300	6,5300	6,0600			6,0600					
Warrant	NL0012823363	NNGRP33.64SPLOPENG	EUR	4,8900	4,8900	4,4200			4,4200					
Warrant	NL0012825053	NNGRP35.37SPLOPENG	EUR	3,1600	3,1600	2,6900			2,6900					
Warrant	NL0012820997	NNGRP38.24SPSOPENG	EUR											
Warrant	NL0012481212	NNGRP40.99SPSOPENG	EUR	2,7800	3,2300	2,7800			3,2300					
Warrant	NL0011618897	NTFLX 86SPLOPENG	EUR	17,3600	17,3600	17,3600			17,3600					
Warrant	NL0011851977	NTFLX 94SPLOPENG	EUR	16,7400	16,7400	16,7400			16,7400					
Warrant	NL0011857651	NTFLX 112SPLOPENG	EUR	15,3400	15,3400	15,3400			15,3400					
Warrant	NL0010740478	NTFLX 49.75PLOPENG	EUR	141,7500	141,7500	141,7500			141,7500					
Warrant	NL0011013719	NTFLX 60.95PLOPENG	EUR	135,4500	135,4500	135,4500			135,4500					
Warrant	NL0011212972	NTFLX 66.45PLOPENG	EUR	132,4000	132,4000	132,4000			132,4000					
Warrant	NL0011475421	NVDA 24.55PLOPENG	EUR	119,3000	119,3000	119,3000			119,3000					
Warrant	NL0012835334	NYRST 0.55PLOPENG	EUR	0,3900	0,3900	0,3600			0,3600					
Warrant	NL0012835292	NYRST 1.15PSOPENG	EUR											
Warrant	NL0012834196	NYRST 1.25PLOPENG	EUR											
Warrant	NL0012826168	NYRST 3.15PLOPENG	EUR											
Warrant	NL0012823066	NYRST 3.45PLOPENG	EUR											
Warrant	NL0012831689	NYRST 1.49SPLOPENG	EUR											
Warrant	NL0012831580	NYRST 1.63SPLOPENG	EUR											
Warrant	NL0012835300	NYRST 1.77SPSOPENG	EUR	1,4200	1,4600	1,4200			1,4600					
Warrant	NL0012830913	NYRST 1.95SPLOPENG	EUR											
Warrant	NL0012831978	NYRST 2.13SPLOPENG	EUR											
Warrant	NL0012830889	NYRST 2.14SPLOPENG	EUR											
Warrant	NL0012834204	NYRST 2.24SPSOPENG	EUR	1,7000	1,7300	1,7000			1,7300					
Warrant	NL0012830582	NYRST 2.35SPLOPENG	EUR											
Warrant	NL0012832372	NYRST 2.52SPSOPENG	EUR	2,0200	2,0500	2,0200			2,0500					
Warrant	NL0012830871	NYRST 2.56SPLOPENG	EUR											
Warrant	NL0012830574	NYRST 2.57SPLOPENG	EUR											
Warrant	NL0012826176	NYRST 2.83SPLOPENG	EUR											
Warrant	NL0012830897	NYRST 3.21SPSOPENG	EUR	2,7700	2,8000	2,7700			2,8000					
Warrant	NL0011858360	NYRST 3.73SPLOPENG	EUR											
Warrant	NL0012826549	NYRST 4.06SPLOPENG	EUR											
Warrant	NL0011858352	NYRST 4.09SPLOPENG	EUR											
Warrant	NL0012830442	NYRST 4.39SPLOPENG	EUR											
Warrant	NL0012826531	NYRST 4.42SPLOPENG	EUR											
Warrant	NL0012826523	NYRST 4.82SPLOPENG	EUR											
Warrant	NL0012823074	NYRST 5.18SPSOPENG	EUR											
Warrant	NL0011859418	NYRST 5.68SPLOPENG	EUR											
Warrant	NL0012480826	OCI 18SPLOPENG	EUR	3,9100	3,9100	3,5100			3,5100					
Warrant	NL0011851100	OCI 9.8SPLOPENG	EUR	11,5700	11,5700	11,1700			11,1700					
Warrant	NL0011634373	OCI 10.7SPLOPENG	EUR	10,6800	10,6800	10,2800			10,2800					
Warrant	NL0012063275	OCI 15.25PLOPENG	EUR	6,5400	6,5400	6,1400			6,1400					
Warrant	NL0011615760	OCI 19.35PSOPENG	EUR											
Warrant	NL0012819437	OCI 19.65PLOPENG	EUR	2,4000	2,4000	2,0000	960,0000	1	2,0000	480				
Warrant	NL0012819429	OCI 21.45PLOPENG	EUR											
Warrant	NL0012824502	OCI 23.35PLOPENG	EUR											
Warrant	NL0012829527	OCI 25.45PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011360920	OCI 26.45SPSOPENG	EUR											
Warrant	NL0012829519	OCI 27.65PLOPENG	EUR											
Warrant	NL0011355862	OCI 29.65SPSOPENG	EUR											
Warrant	NL0011491519	OILCR 38SPLOPENG	EUR	12,9400	12,9400	12,9400			12,9400					
Warrant	NL0012836365	OILCR 53SPSOPENG	EUR	3,0500	3,0500	3,0500			3,0500					
Warrant	NL0012824825	OILCR 64SPLOPENG	EUR											
Warrant	NL0012827455	OILCR 68SPSOPENG	EUR											
Warrant	NL0012831481	OILCR 74SPLOPENG	EUR											
Warrant	NL0011492749	OILCR 30.5SPLOPENG	EUR	20,7600	20,7600	20,7600			20,7600					
Warrant	NL0011492335	OILCR 34.8SPLOPENG	EUR	17,1400	17,1400	17,1400								
Warrant	NL0011491667	OILCR 36.45SPLOPENG	EUR	15,8200	15,8200	15,0200	1502,0000	1	15,0200	100				
Warrant	NL0011491162	OILCR 37.1SPLOPENG	EUR	15,2300	15,2300	15,2300			15,2300					
Warrant	NL0011491063	OILCR 37.9SPLOPENG	EUR	14,5700	14,5700	14,5700			14,5700					
Warrant	NL0011492715	OILCR 38.7SPLOPENG	EUR	13,8300	13,8300	13,8300			13,8300					
Warrant	NL0011490867	OILCR 39.45SPLOPENG	EUR	11,7000	11,7000	11,1400	1114,0000	1	11,1400	100				
Warrant	NL0011619630	OILCR 39.6SPLOPENG	EUR	13,0900	13,0900	13,0900			13,0900					
Warrant	NL0011620208	OILCR 40.5SPLOPENG	EUR	12,3400	12,3400	12,3400			12,3400					
Warrant	NL0012075469	OILCR 43.1SPLOPENG	EUR	10,1600	10,1600	10,1600			10,1600					
Warrant	NL0012078810	OILCR 44.45SPLOPENG	EUR	9,0400	9,0400	9,0400			9,0400					
Warrant	NL0012080121	OILCR 45.8SPLOPENG	EUR	7,8400	7,8400	7,8400			7,8400					
Warrant	NL0012080634	OILCR 47.3SPLOPENG	EUR	6,6100	6,6100	6,6100			6,6100					
Warrant	NL0012462873	OILCR 48.8SPLOPENG	EUR	5,2900	5,2900	5,2900			5,2900					
Warrant	NL0012464077	OILCR 50.3SPLOPENG	EUR											
Warrant	NL0012836068	OILCR 51.8SPLOPENG	EUR											
Warrant	NL0012465363	OILCR 53.5SPLOPENG	EUR											
Warrant	NL0012835482	OILCR 55.1SPLOPENG	EUR											
Warrant	NL0012836191	OILCR 55.2SPSOPENG	EUR	5,1100	5,1100	5,1100			5,1100					
Warrant	NL0012467955	OILCR 56.7SPLOPENG	EUR											
Warrant	NL0012836076	OILCR 57.5SPSOPENG	EUR	7,2600	7,2600	7,2600			7,2600					
Warrant	NL0012474613	OILCR 58.4SPLOPENG	EUR											
Warrant	NL0012835243	OILCR 58.9SPSOPENG	EUR	5,9600	5,9600	5,9600			5,9600					
Warrant	NL0012835490	OILCR 59.9SPSOPENG	EUR	9,5000	9,5000	9,5000			9,5000					
Warrant	NL0012822506	OILCR 64.8SPLOPENG	EUR											
Warrant	NL0012827877	OILCR 65.9SPLOPENG	EUR											
Warrant	NL0012834147	OILCR 65.9SPLOPENG	EUR											
Warrant	NL0012825178	OILCR 66.45SPLOPENG	EUR											
Warrant	NL0012829642	OILCR 67.9SPLOPENG	EUR											
Warrant	NL0012828644	OILCR 67.9SPLOPENG	EUR											
Warrant	NL0012826077	OILCR 68.4SPLOPENG	EUR											
Warrant	NL0012832034	OILCR 69.8SPLOPENG	EUR											
Warrant	NL0012834154	OILCR 70.6SPSOPENG	EUR	19,4400	19,4400	19,4400			19,4400					
Warrant	NL0012826986	OILCR 70.8SPSOPENG	EUR											
Warrant	NL0012831036	OILCR 71.9SPLOPENG	EUR											
Warrant	NL0012829659	OILCR 73.5SPSOPENG	EUR											
Warrant	NL0012831044	OILCR 76.5SPSOPENG	EUR											
Warrant	NL0010955332	OILCR 79.8SPSOPENG	EUR	28,0100	28,0100	28,0100			28,0100					
Warrant	NL0012823934	OILCR108.25SPSOPENG	EUR	49,6200	49,6200	49,6200			49,6200					
Warrant	NL0011618798	OILCR35.91SPLOPENG	EUR	14,7600	14,7600	14,7600			14,7600					
Warrant	NL0011492293	OILCR36.53SPLOPENG	EUR	14,2100	14,2100	14,2100			14,2100					
Warrant	NL0011491196	OILCR38.61SPLOPENG	EUR	12,3400	12,3400	12,3400			12,3400					
Warrant	NL0011619606	OILCR40.94SPLOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0011622170	OILCR41.67SPLOPENG	EUR	9,7000	9,7000	9,7000			9,7000					
Warrant	NL0012074967	OILCR42.76SPLOPENG	EUR	8,7800	8,7800	8,7800			8,7800					
Warrant	NL0012075832	OILCR43.88SPLOPENG	EUR	7,8300	7,8300	7,8300			7,8300					
Warrant	NL0012079446	OILCR45.03SPLOPENG	EUR	6,7700	6,7700	6,7700			6,7700					
Warrant	NL0012080568	OILCR46.29SPLOPENG	EUR	5,6600	5,6600	4,3200	8264,0000	4	4,3200	1600				
Warrant	NL0012080626	OILCR47.51SPLOPENG	EUR	4,5800	4,5800	4,5800			4,5800					
Warrant	NL0012463012	OILCR48.77SPLOPENG	EUR	3,4700	3,4700	3,0000	1350,0000	1	3,0000	450				
Warrant	NL0012463988	OILCR49.98SPLOPENG	EUR	2,3700	2,3700	0,7900	31106,2100	17	1,6400	26699				
Warrant	NL0012464721	OILCR51.35SPLOPENG	EUR											
Warrant	NL0012464986	OILCR52.63SPLOPENG	EUR											
Warrant	NL0012466411	OILCR54.05SPLOPENG	EUR											
Warrant	NL0012836308	OILCR54.58SPSOPENG	EUR	2,1300	2,1300	2,1300			2,1300					
Warrant	NL0012467740	OILCR55.15SPLOPENG	EUR											
Warrant	NL0012835383	OILCR55.41SPLOPENG	EUR											
Warrant	NL0012835607	OILCR55.41SPLOPENG	EUR											
Warrant	NL0012468201	OILCR56.66SPLOPENG	EUR											
Warrant	NL0012835870	OILCR57.42SPSOPENG	EUR	4,6500	4,6500	4,6500			4,6500					
Warrant	NL0012474597	OILCR58.13SPLOPENG	EUR											
Warrant	NL0012480388	OILCR59.62SPLOPENG	EUR											
Warrant	NL0012835250	OILCR60.41SPSOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0012821615	OILCR61.17SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012835086	OILCR61.96SPSOPENG	EUR	8,6700	8,6700	8,6700			8,6700					
Warrant	NL0012822076	OILCR62.73SPLOPENG	EUR											
Warrant	NL0012827695	OILCR64.31SPLOPENG	EUR											
Warrant	NL0012835094	OILCR65.18SPSOPENG	EUR	11,5200	11,5200	11,5200			11,5200					
Warrant	NL0012828081	OILCR65.91SPLOPENG	EUR											
Warrant	NL0012834261	OILCR65.92SPLOPENG	EUR											
Warrant	NL0012825012	OILCR66.41SPLOPENG	EUR											
Warrant	NL0012827489	OILCR66.69SPSOPENG	EUR											
Warrant	NL0012829600	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012828669	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012825913	OILCR68.03SPLOPENG	EUR											
Warrant	NL0012826945	OILCR68.39SPSOPENG	EUR											
Warrant	NL0012833958	OILCR68.56SPSOPENG	EUR	14,5200	14,5200	14,5200			14,5200					
Warrant	NL0012831010	OILCR69.17SPLOPENG	EUR											
Warrant	NL0012825921	OILCR70.15SPSOPENG	EUR											
Warrant	NL0012833966	OILCR70.33SPSOPENG	EUR	16,0700	16,0700	16,0700			16,0700					
Warrant	NL0012831002	OILCR70.87SPLOPENG	EUR											
Warrant	NL0012824213	OILCR71.64SPSOPENG	EUR											
Warrant	NL0012833974	OILCR72.13SPSOPENG	EUR	17,6700	17,6700	17,6700			17,6700					
Warrant	NL0012831655	OILCR72.66SPLOPENG	EUR											
Warrant	NL0012823652	OILCR73.48SPSOPENG	EUR											
Warrant	NL0012832166	OILCR73.98SPSOPENG	EUR	19,3100	19,3100	19,3100			19,3100					
Warrant	NL0012831648	OILCR74.47SPLOPENG	EUR											
Warrant	NL0010957254	OILCR75.45SPSOPENG	EUR											
Warrant	NL0012831754	OILCR75.89SPSOPENG	EUR	21,0000	21,0000	21,0000			21,0000					
Warrant	NL0012831762	OILCR77.83SPSOPENG	EUR	22,7200	22,7200	22,7200			22,7200					
Warrant	NL0012831663	OILCR79.83SPSOPENG	EUR	24,4900	24,4900	24,4900			24,4900					
Warrant	NL0012831416	OILCR81.88SPSOPENG	EUR	26,3000	26,3000	26,3000			26,3000					
Warrant	NL0012831424	OILCR83.97SPSOPENG	EUR	28,1500	28,1500	28,1500			28,1500					
Warrant	NL0011307871	PALLA 352SPLOPENG	EUR	72,9800	72,9800	72,9800			72,9800					
Warrant	NL0009366848	PALLA 390SPLOPENG	EUR	69,7700	69,7700	69,7700			69,7700					
Warrant	NL0011363353	PALLA 451SPLOPENG	EUR	64,5800	64,5800	64,5800			64,5800					
Warrant	NL0011363346	PALLA 474SPLOPENG	EUR	62,6700	62,6700	62,6700			62,6700					
Warrant	NL0011492376	PALLA 497SPLOPENG	EUR	60,6700	60,6700	60,6700			60,6700					
Warrant	NL0011627476	PALLA 548SPLOPENG	EUR	56,3600	56,3600	56,3600			56,3600					
Warrant	NL0011845441	PALLA 604SPLOPENG	EUR	51,6100	51,6100	51,6100			51,6100					
Warrant	NL0011848403	PALLA 635SPLOPENG	EUR	49,0600	49,0600	49,0600			49,0600					
Warrant	NL0011859137	PALLA 666SPLOPENG	EUR	46,3800	46,3800	46,3800			46,3800					
Warrant	NL0012064950	PALLA 734SPLOPENG	EUR	40,6100	40,6100	40,6100			40,6100					
Warrant	NL0012065262	PALLA 771SPLOPENG	EUR	37,5000	37,5000	37,5000			37,5000					
Warrant	NL0012073373	PALLA 810SPLOPENG	EUR	34,2400	34,2400	34,2400			34,2400					
Warrant	NL0012073803	PALLA 841SPLOPENG	EUR											
Warrant	NL0012827893	PALLA 893SPLOPENG	EUR	27,2300	27,2300	27,2300			27,2300					
Warrant	NL0012829683	PALLA 937SPLOPENG	EUR	23,4600	23,7500	23,4600	475,0000	1	23,7500	20				
Warrant	NL0012467989	PALLA 1198SPSOPENG	EUR	9,3100	9,3100	9,3100			9,3100					
Warrant	NL0011846894	PEUGO 8.25SPLOPENG	EUR	12,0200	12,0200	11,9600			11,9600					
Warrant	NL0011851027	PEUGO 10.9SPLOPENG	EUR	9,5600	9,5600	9,5000			9,5000					
Warrant	NL0012064687	PEUGO 14.45SPLOPENG	EUR	6,3700	6,3700	6,3100			6,3100					
Warrant	NL0012478036	PEUGO 17.25SPLOPENG	EUR	3,8100	3,8100	3,7500			3,7500					
Warrant	NL0012479562	PEUGO 18.8SPLOPENG	EUR											
Warrant	NL0012825475	PEUGO 22.35SPLOPENG	EUR											
Warrant	NL0012830590	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012833057	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830202	PHARM0.503SPLOPENG	EUR	0,3800	0,3900	0,3800			0,3900					
Warrant	NL0012830194	PHARM0.566SPLOPENG	EUR	0,3200	0,3300	0,3200			0,3300					
Warrant	NL0012830186	PHARM0.616SPLOPENG	EUR	0,2800	0,2900	0,2800			0,2900					
Warrant	NL0012830178	PHARM0.684SPLOPENG	EUR	0,2000	0,2100	0,2000			0,2100					
Warrant	NL0012830434	PHARM0.753SPLOPENG	EUR											
Warrant	NL0012836274	PHARM0.753SPLOPENG	EUR	0,1600	0,1700	0,1600			0,1700					
Warrant	NL0012832398	PHARM0.828SPLOPENG	EUR											
Warrant	NL0012830459	PHARM0.828SPLOPENG	EUR											
Warrant	NL0012829998	PHARM0.841SPLOPENG	EUR											
Warrant	NL0012831341	PHARM0.911SPLOPENG	EUR											
Warrant	NL0012826861	PHARM0.934SPLOPENG	EUR											
Warrant	NL0012829980	PHARM1.028SPLOPENG	EUR											
Warrant	NL0012826853	PHARM1.038SPLOPENG	EUR											
Warrant	NL0012826846	PHARM1.153SPLOPENG	EUR											
Warrant	NL0012828768	PHARM1.261SPLOPENG	EUR											
Warrant	NL0012835409	PHILP 32SPLOPENG	EUR											
Warrant	NL0012481337	PHILP 32SPLOPENG	EUR											
Warrant	NL0006427809	PHILP 2.15SPLOPENG	EUR	31,1800	31,1800	30,4900			30,4900					
Warrant	NL0009881606	PHILP 8.55SPLOPENG	EUR	25,2900	25,2900	24,6000			24,6000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL001009859	PHILP 9.6SPLOPENG	EUR	24,2600	24,2600	23,5600			23,5600					
Warrant	NL0010103800	PHILP 10.7SPLOPENG	EUR	23,1700	23,1700	22,4800			22,4800					
Warrant	NL0010087706	PHILP 12.4SPLOPENG	EUR	21,6100	21,6100	20,9100			20,9100					
Warrant	NL0010203261	PHILP 14.8SPLOPENG	EUR	19,3900	19,3900	18,6900			18,6900					
Warrant	NL0010212478	PHILP 15.8SPLOPENG	EUR	18,4700	18,4700	17,7800			17,7800					
Warrant	NL0010360913	PHILP 16.9SPLOPENG	EUR	17,4800	17,4800	16,7900			16,7900					
Warrant	NL0010362828	PHILP 17.9SPLOPENG	EUR	16,4800	16,4800	15,7900			15,7900					
Warrant	NL0011621743	PHILP 19.4SPLOPENG	EUR	15,1400	15,1400	14,4500			14,4500					
Warrant	NL0011849120	PHILP 20.9SPLOPENG	EUR	13,7600	13,7600	13,0700			13,0700					
Warrant	NL0011851894	PHILP 22.4SPLOPENG	EUR	12,2900	12,2900	11,5900			11,5900					
Warrant	NL0011851704	PHILP 22.8SPLOPENG	EUR	10,4700	10,4700	9,7800			9,7800					
Warrant	NL0011860457	PHILP 24.1SPLOPENG	EUR	10,7100	10,7100	10,0200			10,0200					
Warrant	NL0012068266	PHILP 25.9SPLOPENG	EUR	9,0200	9,0200	8,3300	17450,0000	4	8,3300	2000				
Warrant	NL0012069652	PHILP 27.9SPLOPENG	EUR	7,2200	7,2200	6,5300			6,5300					
Warrant	NL0012069561	PHILP 28.1SPLOPENG	EUR	5,1700	5,1700	4,4800			4,4800					
Warrant	NL0012479232	PHILP 29.9SPLOPENG	EUR	5,3400	5,3400	4,6500			4,6500					
Warrant	NL0012835037	PHILP 32.6SPLOPENG	EUR											
Warrant	NL0012835714	PHILP 32.8SPSOPENG	EUR											
Warrant	NL0012833842	PHILP 33.6SPSOPENG	EUR											
Warrant	NL0012819940	PHILP 34.2SPLOPENG	EUR											
Warrant	NL0012832315	PHILP 35.6SPSOPENG	EUR											
Warrant	NL0012825962	PHILP 36.6SPLOPENG	EUR											
Warrant	NL0012827224	PHILP 37.8SPSOPENG	EUR											
Warrant	NL0012825970	PHILP 38.6SPSOPENG	EUR											
Warrant	NL0012827935	PHILP 38.7SPSOPENG	EUR											
Warrant	NL0012829378	PHILP 39.9SPSOPENG	EUR											
Warrant	NL0010939344	PHILP15.24SPLOPENG	EUR	18,0300	18,0300	17,3400			17,3400					
Warrant	NL0010739876	PHILP16.21SPLOPENG	EUR	17,0700	17,0700	16,3700			16,3700					
Warrant	NL0010686309	PHILP17.27SPLOPENG	EUR	15,9800	15,9800	15,2800			15,2800					
Warrant	NL0010593497	PHILP18.38SPLOPENG	EUR	14,8700	14,8700	14,1700			14,1700					
Warrant	NL0011620844	PHILP19.45SPLOPENG	EUR	13,8300	13,8300	13,1400			13,1400					
Warrant	NL0011846175	PHILP20.51SPLOPENG	EUR	12,7600	12,7600	12,0700			12,0700					
Warrant	NL0011849500	PHILP21.63SPLOPENG	EUR	11,6400	11,6400	10,9500			10,9500					
Warrant	NL0011852926	PHILP24.03SPLOPENG	EUR	9,2400	9,2400	8,5500			8,5500					
Warrant	NL0011858113	PHILP25.32SPLOPENG	EUR	7,9500	7,9500	7,2600			7,2600					
Warrant	NL0012066914	PHILP26.68SPLOPENG	EUR	6,5900	6,5900	5,9000			5,9000					
Warrant	NL0012474522	PHILP29.55SPLOPENG	EUR	3,7200	3,7200	3,0300			3,0300					
Warrant	NL0012479927	PHILP31.03SPLOPENG	EUR											
Warrant	NL0012834311	PHILP31.04SPLOPENG	EUR	2,2300	2,2300	1,5400	704,0000	1	1,5400	400				
Warrant	NL0012064729	PHILP32.28SPSOPENG	EUR											
Warrant	NL0012480669	PHILP32.62SPLOPENG	EUR											
Warrant	NL0012818637	PHILP34.25SPLOPENG	EUR											
Warrant	NL0012825772	PHILP35.96SPLOPENG	EUR											
Warrant	NL0012833859	PHILP36.08SPSOPENG	EUR	3,1900	3,8700	3,1900			3,8700					
Warrant	NL0012828404	PHILP37.71SPLOPENG	EUR											
Warrant	NL0012829790	PHILP37.75SPLOPENG	EUR											
Warrant	NL0012831846	PHILP38.81SPSOPENG	EUR	5,9300	6,6400	5,9300	31,9500	5	6,6300	5				
Warrant	NL0012463491	PHILP39.22SPSOPENG	EUR											
Warrant	NL0012825368	PHILP41.75SPSOPENG	EUR	8,8500	9,5300	8,8500			9,5300					
Warrant	NL0012827885	PLATI 636SPLOPENG	EUR	2,0600	2,0600	2,0600			2,0600					
Warrant	NL0012825186	PLATI 669SPLOPENG	EUR	1,7700	1,7700	1,7700			1,7700					
Warrant	NL0012823207	PLATI 704SPLOPENG	EUR	1,4800	1,4800	1,4800			1,4800					
Warrant	NL0011483136	PLATI 741SPLOPENG	EUR	1,1500	1,1500	1,1500			1,1500					
Warrant	NL0011481726	PLATI 772SPLOPENG	EUR											
Warrant	NL0012829675	PLATI 778SPLOPENG	EUR	0,8500	0,8500	0,8500			0,8500					
Warrant	NL0012832679	PLATI 817SPLOPENG	EUR	0,5200	0,5200	0,5200			0,5200					
Warrant	NL0012827331	PLATI 820SPSOPENG	EUR											
Warrant	NL0012825194	PLATI 896SPSOPENG	EUR	1,0100	1,0100	1,0100			1,0100					
Warrant	NL0012062889	PLATI 902SPLOPENG	EUR											
Warrant	NL0012479083	PLATI 963SPSOPENG	EUR	1,6400	1,6400	1,6400			1,6400					
Warrant	NL0012478085	PLATI 1006SPSOPENG	EUR	1,6900	1,6900	1,6900			1,6900					
Warrant	NL0011856448	PLATI 1036SPSOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012079529	PLATI 1048SPSOPENG	EUR	2,0600	2,0600	2,0600			2,0600					
Warrant	NL0011856422	PLATI 1084SPSOPENG	EUR	2,7600	2,7600	2,7600			2,7600					
Warrant	NL0011852900	PLATI 1166SPSOPENG	EUR	3,5200	3,5200	3,5200			3,5200					
Warrant	NL0010356432	PLATI 1559SPSOPENG	EUR	7,1800	7,1800	7,1800			7,1800					
Warrant	NL0012824676	PLATI 890.SPSOPENG	EUR	0,6600	0,6600	0,6600			0,6600					
Warrant	NL0012827323	PLATI725.75PLOPENG	EUR	1,1300	1,1300	1,1300			1,1300					
Warrant	NL0012825087	PLATI755.95PLOPENG	EUR	0,8700	0,8700	0,8700			0,8700					
Warrant	NL0012822944	PLATI778.15PLOPENG	EUR											
Warrant	NL0012831028	PLATI786.25PLOPENG	EUR	0,6000	0,6000	0,6000			0,6000					
Warrant	NL0012070304	PLATI901.35PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012819767	PLATI927.1SPSOPENG	EUR	0,9900	0,9900	0,9900			0,9900					
Warrant	NL0012478416	PLATI965.8SPSOPENG	EUR	1,3300	1,3300	1,3300			1,3300					
Warrant	NL0009105386	POST 1SPLOPENG	EUR	1,7600	1,7600	1,6800			1,6800					
Warrant	DE000CV896E5	POST 3C 1218Z	EUR	0,0240	0,0240	0,0190			0,0190					
Warrant	NL0012829402	POST 3SPLOPENG	EUR											
Warrant	NL0012832323	POST 3SPSOPENG	EUR	0,6600	0,7300	0,6600			0,7300					
Warrant	NL0010354429	POST 0.9SPLOPENG	EUR	1,8700	1,8700	1,7900			1,7900					
Warrant	NL0010356143	POST 1.2SPLOPENG	EUR	1,6200	1,6200	1,5400	312,0000	1	1,5400	200				
Warrant	NL0010449500	POST 1.5SPLOPENG	EUR	1,3300	1,3300	1,2500			1,2500					
Warrant	NL0010461067	POST 1.7SPLOPENG	EUR	1,1700	1,1700	1,0900			1,0900					
Warrant	NL0010465829	POST 1.9SPLOPENG	EUR	1,0100	1,0100	0,9300			0,9300					
Warrant	NL0010525655	POST 2.1SPLOPENG	EUR	0,8200	0,8200	0,7400			0,7400					
Warrant	NL0010531067	POST 2.3SPLOPENG	EUR	0,6100	0,6100	0,5300			0,5300					
Warrant	NL0011478904	POST 2.4SPLOPENG	EUR											
Warrant	NL0012836233	POST 2.4SPLOPENG	EUR	0,4800	0,4800	0,4000	132,0000	1	0,4000	300				
Warrant	NL0011618855	POST 2.6SPLOPENG	EUR											
Warrant	DE000CV896D7	POST 2.7C 1218Z	EUR	0,0800	0,0800	0,0620			0,0620					
Warrant	NL0012821037	POST 2.8SPLOPENG	EUR											
Warrant	NL0012823009	POST 3.1SPLOPENG	EUR											
Warrant	NL0012826002	POST 3.3SPLOPENG	EUR											
Warrant	NL0012476261	POST 3.5SPSOPENG	EUR	1,2400	1,3200	1,2400			1,3200					
Warrant	NL0012074991	POST 4.2SPSOPENG	EUR	1,9600	2,0400	1,9600			2,0400					
Warrant	NL0012832000	POST 2.10SPLOPENG	EUR	0,5500	0,5500	0,4800			0,4800					
Warrant	NL0012835185	POST 2.254SPLOPENG	EUR	0,4300	0,4300	0,3500			0,3500					
Warrant	NL0011618038	POST 2.387SPLOPENG	EUR											
Warrant	NL0012831994	POST 2.482SPLOPENG	EUR											
Warrant	NL0011618400	POST 2.581SPLOPENG	EUR											
Warrant	NL0012479315	POST 2.779SPLOPENG	EUR											
Warrant	NL0012826309	POST 2.966SPLOPENG	EUR											
Warrant	NL0012829253	POST 2.973SPLOPENG	EUR											
Warrant	NL0012822316	POST 3.041SPLOPENG	EUR											
Warrant	NL0012833883	POST 3.055SPSOPENG	EUR	0,4700	0,5500	0,4700			0,5500					
Warrant	NL0012829956	POST 3.181SPLOPENG	EUR											
Warrant	NL0012825814	POST 3.255SPLOPENG	EUR											
Warrant	NL0012476451	POST 3.595SPSOPENG	EUR	1,0100	1,0900	1,0100			1,0900					
Warrant	NL0011862719	POST 4.272SPSOPENG	EUR	1,6900	1,7700	1,6900			1,7700					
Warrant	NL0011859228	POST 5.098SPSOPENG	EUR	2,5200	2,5900	2,5200			2,5900					
Warrant	NL0010591111	PROX 15SPLOPENG	EUR	10,3300	10,3800	10,3300			10,3800					
Warrant	NL0010688164	PROX 17SPLOPENG	EUR	8,5000	8,5500	8,5000	850,0000	1	8,5500	100				
Warrant	NL0010743233	PROX 19SPLOPENG	EUR	6,6000	6,6500	6,6000			6,6500					
Warrant	DE000CV89689	PROX 20C 1218Z	EUR	0,7400	0,7400	0,7400			0,7400					
Warrant	DE000CV896A3	PROX 25C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	NL0011022363	PROX 34SPSOPENG	EUR	12,6600	12,6600	12,5700			12,5700					
Warrant	NL0009110550	PROX 9.9SPLOPENG	EUR	15,0900	15,1400	15,0900			15,1400					
Warrant	NL0010540431	PROX 13.2SPLOPENG	EUR	12,0500	12,1000	12,0500			12,1000					
Warrant	NL0012832356	PROX 20.8SPLOPENG	EUR	5,0100	5,0600	5,0100			5,0600					
Warrant	DE000CV89697	PROX 22.5C 1218Z	EUR	0,2700	0,2700	0,2700			0,2700					
Warrant	NL0010957833	PSI20 3780SPLOPENG	EUR	13,0100	13,0100	13,0100			13,0100					
Warrant	NL0011858337	RANDS 39SPLOPENG	EUR	6,9800	6,9800	6,2500			6,2500					
Warrant	DE000CJ3P135	RANDS 44C 0619Z	EUR	0,3850	0,3850	0,3650			0,3650					
Warrant	DE000CJ3N9K3	RANDS 45C 0319Z	EUR	0,2650	0,2650	0,2450			0,2450					
Warrant	NL0009107044	RANDS 7.2SPLOPENG	EUR	35,8900	35,8900	35,1600			35,1600					
Warrant	NL0009111384	RANDS 9.5SPLOPENG	EUR	33,8800	33,8800	33,1500			33,1500					
Warrant	NL0009904036	RANDS 11.7SPLOPENG	EUR	31,8300	31,8300	31,1000			31,1000					
Warrant	NL0010102430	RANDS 12.9SPLOPENG	EUR	30,8000	30,8000	30,0700			30,0700					
Warrant	NL0010216800	RANDS 15.9SPLOPENG	EUR	28,0600	28,0600	27,3300			27,3300					
Warrant	NL0010218764	RANDS 17.8SPLOPENG	EUR	26,3300	26,3300	25,6000			25,6000					
Warrant	NL0010343992	RANDS 19.8SPLOPENG	EUR	24,4700	24,4700	23,7400			23,7400					
Warrant	NL0010361200	RANDS 21.9SPLOPENG	EUR	22,5800	22,5800	21,8500			21,8500					
Warrant	NL0010830097	RANDS 24.1SPLOPENG	EUR	20,6300	20,6300	19,9000			19,9000					
Warrant	NL0010939732	RANDS 26.3SPLOPENG	EUR	18,5500	18,5500	17,8200			17,8200					
Warrant	NL0011847306	RANDS 28.3SPLOPENG	EUR	14,3700	14,3700	13,6400			13,6400					
Warrant	NL0011847462	RANDS 30.9SPLOPENG	EUR	14,3900	14,3900	13,6600			13,6600					
Warrant	NL0011850946	RANDS 33.5SPLOPENG	EUR	12,0800	12,0800	11,3500			11,3500					
Warrant	NL0011857370	RANDS 36.2SPLOPENG	EUR	9,6200	9,6200	8,8900			8,8900					
Warrant	NL0011859384	RANDS 42.1SPLOPENG	EUR											
Warrant	NL0012063184	RANDS 45.4SPLOPENG	EUR											
Warrant	DE000CJ3P067	RANDS 48.5C 0619Z	EUR	0,1550	0,1550	0,1450			0,1450					
Warrant	NL0012824072	RANDS 49.3SPLOPENG	EUR											
Warrant	NL0012481188	RANDS 54.8SPSOPENG	EUR	12,7100	13,3700	12,7100			13,3700					
Warrant	DE000CV8AMY8	RANDS 55.2C 0319Z	EUR	0,0190	0,0190	0,0170			0,0170					
Warrant	NL0011195342	RANDS 58.2SPSOPENG	EUR	22,3000	22,9600	22,3000			22,9600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011304498	RANDS 63.95SPSOPENG	EUR	28,6600	29,3200	28,6600			29,3200					
Warrant	NL0010826194	RANDS21.93SPLOPENG	EUR	20,7400	20,7400	20,0100			20,0100					
Warrant	NL0010812327	RANDS23.48SPLOPENG	EUR	19,1800	19,1800	18,4500			18,4500					
Warrant	NL0010943122	RANDS26.71SPLOPENG	EUR	15,9600	15,9600	15,2300			15,2300					
Warrant	NL0011847595	RANDS29.95SPLOPENG	EUR	12,7100	12,7100	11,9800			11,9800					
Warrant	NL0011847587	RANDS31.69SPLOPENG	EUR	10,9800	10,9800	10,2500			10,2500					
Warrant	NL0011848767	RANDS33.26SPLOPENG	EUR	9,4100	9,4100	8,6800			8,6800					
Warrant	NL0011851712	RANDS35.16SPLOPENG	EUR	7,5000	7,5000	6,7700			6,7700					
Warrant	NL0011856570	RANDS37.17SPLOPENG	EUR	5,5000	5,5000	4,7700			4,7700					
Warrant	NL0011857594	RANDS39.29SPLOPENG	EUR	3,3800	3,3800	2,6000	1005,0000	2	2,6500	350				
Warrant	NL0012834329	RANDS41.25SPLOPENG	EUR											
Warrant	NL0011859210	RANDS41.42SPLOPENG	EUR											
Warrant	NL0011859707	RANDS43.71SPLOPENG	EUR											
Warrant	NL0012835961	RANDS44.06SPSOPENG	EUR	1,9700	2,6300	1,9700			2,6300					
Warrant	NL0012833867	RANDS44.14SPSOPENG	EUR											
Warrant	DE000CV896G0	RANDS44.35C 1218Z	EUR	0,0790	0,0790	0,0680			0,0680					
Warrant	NL0011862693	RANDS46.11SPLOPENG	EUR											
Warrant	NL0012831853	RANDS47.39SPSOPENG	EUR	5,3000	5,9600	5,3000			5,9600					
Warrant	NL0012823298	RANDS49.14SPLOPENG	EUR											
Warrant	DE000CV896H8	RANDS49.28C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012825376	RANDS51.58SPLOPENG	EUR											
Warrant	NL0011301940	RANDS58.98SPSOPENG	EUR	16,9000	17,5600	16,9000			17,5600					
Warrant	DE000CV8ANK5	RANDS59.14C 0319Z	EUR	0,0110	0,0110	0,0100			0,0100					
Warrant	NL0012064620	RELX 14SPLOPENG	EUR	6,0600	6,0900	6,0600			6,0900					
Warrant	NL0006423501	RELX 1.2SPLOPENG	EUR	27,0900	27,1400	27,0900			27,1400					
Warrant	NL0010087599	RELX 3.7SPLOPENG	EUR	23,6400	23,6900	23,6400			23,6900					
Warrant	NL0010214706	RELX 4.8SPLOPENG	EUR	22,0900	22,1500	22,0900			22,1500					
Warrant	NL0010744066	RELX 8.3SPLOPENG	EUR	17,1400	17,2000	17,1400			17,2000					
Warrant	NL0010746236	RELX 9.1SPLOPENG	EUR	16,1200	16,1800	16,1200			16,1800					
Warrant	NL0010940789	RELX 9.8SPLOPENG	EUR	15,0500	15,1000	15,0500			15,1000					
Warrant	NL0010944583	RELX 10.7SPLOPENG	EUR	13,9000	13,9500	13,9000			13,9500					
Warrant	NL0010967832	RELX 11.5SPLOPENG	EUR	12,6600	12,7200	12,6600			12,7200					
Warrant	NL0011372610	RELX 12.7SPLOPENG	EUR	7,1800	7,2200	7,1800			7,2200					
Warrant	NL0012068068	RELX 15.3SPLOPENG	EUR	4,8300	4,8700	4,8300			4,8700					
Warrant	NL0012481394	RELX 16.7SPLOPENG	EUR	3,5700	3,6000	3,5700			3,6000					
Warrant	NL0012824098	RELX 18.2SPLOPENG	EUR											
Warrant	NL0012465132	RELX 21.5SPSOPENG	EUR	5,3200	5,3200	5,2800			5,2800					
Warrant	NL0011370028	RWE 9SPLOPENG	EUR	11,2900	11,2900	10,9600			10,9600					
Warrant	NL0011374004	RWE 8.3SPLOPENG	EUR	11,5900	11,5900	11,5900			11,5900					
Warrant	NL0011374491	RWE 9.6SPLOPENG	EUR	10,7000	10,7000	10,3700			10,3700					
Warrant	NL0010587838	RYA 3.8SPLOPENG	EUR	8,5000	8,5000	8,4200			8,4200					
Warrant	NL0010598454	RYA 4.9SPLOPENG	EUR	7,4800	7,4800	7,3900			7,3900					
Warrant	NL0010537254	SANOF 52SPLOPENG	EUR	30,8300	31,0300	30,8300			31,0300					
Warrant	NL0012819411	SANOF 62SPLOPENG	EUR	21,4500	21,6500	21,4500			21,6500					
Warrant	NL0010537072	SANOF 56.95SPLOPENG	EUR	26,2200	26,4200	26,2200			26,4200					
Warrant	NL0012829915	SANOF 67.6SPLOPENG	EUR	16,2500	16,4500	16,2500			16,4500					
Warrant	NL0011206891	SANOF 89.95SPSOPENG	EUR	18,0800	18,0800	17,8600			17,8600					
Warrant	NL0011194683	SANOF100.9SPSOPENG	EUR	29,9800	29,9800	29,7600			29,7600					
Warrant	NL0006423840	SBMOF 6SPLOPENG	EUR	8,0400	8,0400	7,7700			7,7700					
Warrant	NL0012825996	SBMOF 12SPLOPENG	EUR	2,6500	2,6500	2,3700			2,3700					
Warrant	NL0010215521	SBMOF 5.6SPLOPENG	EUR	8,5100	8,5100	8,2300			8,2300					
Warrant	NL0006423246	SBMOF 7.3SPLOPENG	EUR	6,9000	6,9000	6,6300			6,6300					
Warrant	NL0010216032	SBMOF 7.9SPLOPENG	EUR	6,3600	6,3600	6,0800			6,0800					
Warrant	NL0010969234	SBMOF 8.5SPLOPENG	EUR	5,0700	5,0700	4,7900			4,7900					
Warrant	NL0011010178	SBMOF 8.5SPLOPENG	EUR	5,8300	5,8300	5,5600	5750,0000	1	5,5600	1000				
Warrant	NL0011372594	SBMOF 9.2SPLOPENG	EUR	5,2400	5,2400	4,9700			4,9700					
Warrant	NL0012824478	SBMOF 9.8SPLOPENG	EUR	4,6500	4,6500	4,3800			4,3800					
Warrant	NL0012824965	SBMOF 10.5SPLOPENG	EUR	4,0300	4,0300	3,7500			3,7500					
Warrant	NL0012825459	SBMOF 11.2SPLOPENG	EUR	3,3600	3,3600	3,0800			3,0800					
Warrant	NL0012825988	SBMOF 12.8SPLOPENG	EUR	1,8800	1,8800	1,6100			1,6100					
Warrant	DE000CV896P1	SBMOF 13.5C 1218Z	EUR	0,5750	0,5750	0,4700			0,4700					
Warrant	NL0012828735	SBMOF 13.7SPLOPENG	EUR											
Warrant	NL0012821441	SBMOF 14.2SPSOPENG	EUR											
Warrant	NL0012829394	SBMOF 14.7SPLOPENG	EUR											
Warrant	NL0012835730	SBMOF 15.4SPSOPENG	EUR	3,7400	4,0000	3,7400			4,0000					
Warrant	NL0012831549	SBMOF 15.5SPLOPENG	EUR											
Warrant	NL0012474712	SBMOF 15.6SPSOPENG	EUR											
Warrant	NL0012831952	SBMOF 15.7SPLOPENG	EUR											
Warrant	NL0012834972	SBMOF 16.9SPSOPENG	EUR	5,4400	5,7000	5,4400			5,7000					
Warrant	NL0009613611	SBMOF 17.1SPSOPENG	EUR											
Warrant	NL0012831960	SBMOF 18.6SPSOPENG	EUR	7,3100	7,5700	7,3100			7,5700					
Warrant	NL0010967642	SBMOF 6.85SPLOPENG	EUR	6,7200	6,7200	6,4400			6,4400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010967634	SBMOF 7.24SPLOPENG	EUR	6,3300	6,3300	6,0600			6,0600					
Warrant	NL0010958641	SBMOF 7.64SPLOPENG	EUR	5,9300	5,9300	5,6600			5,6600					
Warrant	NL0010968871	SBMOF 8.06SPLOPENG	EUR	5,5100	5,5100	5,2300			5,2300					
Warrant	NL0011364781	SBMOF 8.98SPLOPENG	EUR	4,6400	4,6400	4,3600			4,3600					
Warrant	NL0011372339	SBMOF 9.48SPLOPENG	EUR	4,1300	4,1300	3,8500			3,8500					
Warrant	NL0012824767	SBMOF 9.93SPLOPENG	EUR	3,6800	3,6800	3,4000			3,4000					
Warrant	NL0012825020	SBMOF10.46SPLOPENG	EUR	3,1500	3,1500	2,8800			2,8800					
Warrant	NL0012825103	SBMOF10.99SPLOPENG	EUR	2,6200	2,6200	2,3500			2,3500					
Warrant	NL0012825806	SBMOF11.55SPLOPENG	EUR	2,0600	2,0600	1,7900			1,7900					
Warrant	NL0012825798	SBMOF12.13SPLOPENG	EUR	1,4800	1,4800	1,2000			1,2000					
Warrant	NL0012825780	SBMOF12.74SPLOPENG	EUR	0,8700	0,8700	0,5900			0,5900					
Warrant	NL0012827729	SBMOF13.39SPLOPENG	EUR											
Warrant	NL0012823306	SBMOF13.69SPLOPENG	EUR											
Warrant	NL0012828693	SBMOF14.06SPLOPENG	EUR											
Warrant	NL0012835359	SBMOF14.07SPLOPENG	EUR											
Warrant	NL0012835979	SBMOF14.47SPLOPENG	EUR	1,1400	1,4000	1,1400			1,4000					
Warrant	NL0012473052	SBMOF14.71SPLOPENG	EUR											
Warrant	NL0012828685	SBMOF14.73SPLOPENG	EUR											
Warrant	NL0012829808	SBMOF14.76SPLOPENG	EUR											
Warrant	NL0012833875	SBMOF15.56SPLOPENG	EUR	2,2300	2,4900	2,2300			2,4900					
Warrant	NL0012063036	SBMOF15.82SPLOPENG	EUR											
Warrant	NL0012831861	SBMOF16.28SPLOPENG	EUR											
Warrant	NL0012832083	SBMOF16.73SPLOPENG	EUR	3,4100	3,6700	3,4100			3,6700					
Warrant	NL0012461925	SBMOF16.89SPLOPENG	EUR											
Warrant	NL0012831556	SBMOF18.02SPLOPENG	EUR	4,6900	4,9500	4,6900			4,9500					
Warrant	NL0012294375	SDJES 70C 0927G	EUR	7,7300	7,7300	7,6400			7,6400					
Warrant	NL0012818447	SDJES 69.7C 1028G	EUR	8,8400	8,8400	8,7500			8,7500					
Warrant	NL0012703094	SDJES 70.4C 0328G	EUR	7,5100	7,5100	7,4300			7,4300					
Warrant	NL0012703078	SDJES 71.1C 0228G	EUR	7,2200	7,2200	7,1400			7,1400					
Warrant	NL0012235832	SDJES 71.6C 0427G	EUR	6,7900	6,7900	6,7400			6,7400					
Warrant	NL0012375257	SDJES 73.8C 1027G	EUR	6,7000	6,7000	6,6200			6,6200					
Warrant	NL0012703045	SDJES 75.1C 0128G	EUR	6,2900	6,2900	6,2100			6,2100					
Warrant	NL0012156152	SDJES64.56C 0227G	EUR	9,7300	9,7300	9,6500			9,6500					
Warrant	NL0012156137	SDJES65.61C 0127G	EUR	9,1100	9,1100	9,0400			9,0400					
Warrant	NL0012156178	SDJES66.01C 0327G	EUR	9,1100	9,1100	9,0400			9,0400					
Warrant	NL0012156160	SDJES66.06C 0227G	EUR	8,9800	8,9800	8,9100			8,9100					
Warrant	NL0012818470	SDJES66.66C 1128G	EUR	9,9600	9,9600	9,8600	13037,1400	6	9,8600	1309				
Warrant	NL0012703110	SDJES67.32C 0328G	EUR	9,0300	9,0300	8,9700			8,9700					
Warrant	NL0012818454	SDJES67.35C 1028G	EUR	9,6200	9,6200	9,5200			9,5200					
Warrant	NL0012156186	SDJES67.56C 0327G	EUR	8,3700	8,3700	8,3100			8,3100					
Warrant	NL0012818462	SDJES67.87C 1128G	EUR	9,3900	9,3900	9,2900	11268,0000	1	9,2900	1200				
Warrant	NL0012156194	SDJES68.14C 0327G	EUR	8,0400	8,0400	7,9800			7,9800					
Warrant	NL0012235824	SDJES68.14C 0427G	EUR	8,0400	8,0400	7,9700			7,9700					
Warrant	NL0012235808	SDJES68.63C 0327G	EUR	7,9700	7,9700	7,9100			7,9100					
Warrant	NL0012235790	SDJES68.63C 0327G	EUR	7,9200	7,9200	7,8500			7,8500					
Warrant	NL0012703086	SDJES68.91C 0328G	EUR	7,9200	7,9200	7,8300			7,8300					
Warrant	NL0012235816	SDJES69.59C 0427G	EUR	7,4700	7,4700	7,4100			7,4100					
Warrant	NL0012703102	SDJES69.69C 0328G	EUR	7,8500	7,8500	7,7700			7,7700					
Warrant	NL0012703060	SDJES69.87C 0228G	EUR	7,3100	7,3100	7,2300			7,2300					
Warrant	NL0012818421	SDJES69.95C 0928G	EUR	9,0900	9,0900	8,9900			8,9900					
Warrant	NL0012703128	SDJES70.35C 0428G	EUR	8,0500	8,0500	7,9500			7,9500					
Warrant	NL0012818488	SDJES70.55C 1228G	EUR											
Warrant	NL0012703136	SDJES70.85C 0428G	EUR	7,9500	7,9500	7,8600	70270,0500	1	7,8600	8839				
Warrant	NL0012818397	SDJES70.87C 0728G	EUR	8,3800	8,3800	8,2900			8,2900					
Warrant	NL0012818389	SDJES70.88C 0628G	EUR	8,3400	8,3400	8,2500			8,2500					
Warrant	NL0012294359	SDJES71.03C 0727G	EUR	7,2300	7,2300	7,1400			7,1400					
Warrant	NL0012703052	SDJES71.32C 0228G	EUR	6,9700	6,9700	6,8900			6,8900					
Warrant	NL0012294383	SDJES71.34C 0927G	EUR	7,3700	7,3700	7,2800			7,2800					
Warrant	NL0012818413	SDJES71.49C 0928G	EUR	8,5100	8,5100	8,4100			8,4100					
Warrant	NL0012294367	SDJES71.67C 0727G	EUR	6,9300	6,9300	6,8500			6,8500					
Warrant	NL0012818439	SDJES71.81C 0928G	EUR	8,2700	8,2700	8,1700	25324,4500	3	8,1700	3075				
Warrant	NL0012294276	SDJES71.88C 0527G	EUR	6,6900	6,6900	6,6400			6,6400					
Warrant	NL0012294334	SDJES72.18C 0627G	EUR	6,8300	6,8300	6,7800			6,7800					
Warrant	NL0012294391	SDJES72.29C 0927G	EUR	7,0600	7,0600	6,9700			6,9700					
Warrant	NL0012294326	SDJES72.33C 0627G	EUR	6,7500	6,7500	6,7000			6,7000					
Warrant	NL0012818306	SDJES72.39C 0428G	EUR	7,4000	7,4000	7,3100			7,3100					
Warrant	NL0012294300	SDJES72.53C 0527G	EUR	6,5500	6,5500	6,5000			6,5000					
Warrant	NL0012294342	SDJES72.53C 0627G	EUR	6,7900	6,7900	6,7400			6,7400					
Warrant	NL0012818405	SDJES72.54C 0728G	EUR	7,8600	7,8600	7,7600			7,7600					
Warrant	NL0012294318	SDJES72.63C 0527G	EUR	6,5900	6,5900	6,5400			6,5400					
Warrant	NL0012818363	SDJES72.81C 0628G	EUR	7,5100	7,5100	7,4200			7,4200					
Warrant	NL0012375273	SDJES72.81C 1127G	EUR	6,9000	6,9000	6,8100			6,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012818355	SDJE572.84C 0528G	EUR	7,5800	7,5800	7,4900			7,4900					
Warrant	NL0012375281	SDJE573.14C 1227G	EUR	6,8600	6,8600	6,7800	7443,1000	1	6,7800	1085				
Warrant	NL0012818371	SDJE573.17C 0628G	EUR	7,4000	7,4000	7,3200			7,3200					
Warrant	NL0012294284	SDJE573.41C 0527G	EUR	6,2100	6,2100	6,1600			6,1600					
Warrant	NL0012818314	SDJE573.52C 0428G	EUR	7,1700	7,1700	7,0900			7,0900					
Warrant	NL0012294292	SDJE573.64C 0527G	EUR	6,1900	6,1900	6,1400			6,1400					
Warrant	NL0012375240	SDJE573.76C 1027G	EUR	6,6300	6,6300	6,5500			6,5500					
Warrant	NL0012703037	SDJE573.99C 0128G	EUR	6,4700	6,4700	6,4200			6,4200					
Warrant	NL0012818322	SDJE574.01C 0528G	EUR	7,0500	7,0500	7,0000			7,0000					
Warrant	NL0012818330	SDJE574.21C 0528G	EUR	6,9400	6,9400	6,8600			6,8600					
Warrant	NL0012818348	SDJE574.96C 0528G	EUR	6,7800	6,7800	6,7000			6,7000					
Warrant	NL0012375265	SDJE575.28C 1127G	EUR	6,3300	6,3300	6,2500			6,2500					
Warrant	XS1264751105	SELRE STN0923G	EUR	99,9200	99,9200	99,7400			99,7400					
Warrant	NL0009368901	SHELL 10SPLOPENG	EUR	17,5200	17,5200	17,2900			17,2900					
Warrant	NL0012081368	SHELL 22SPLOPENG	EUR	6,3700	6,3700	6,1400			6,1400					
Warrant	DE000CV896L0	SHELL 27C 1218Z	EUR	0,5700	0,5700	0,5700			0,5700					
Warrant	DE000CV8AMZ5	SHELL 30C 0319Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV896M8	SHELL 30C 1218Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	NL0012478978	SHELL 31SPSOPENG	EUR	6,8000	7,0300	6,8000			7,0300					
Warrant	DE000CJ3P075	SHELL 33C 0619Z	EUR	0,0240	0,0240	0,0240			0,0240					
Warrant	NL0006420960	SHELL 0.4SPLOPENG	EUR	26,4900	26,4900	26,2600			26,2600					
Warrant	NL0006427700	SHELL 2.1SPLOPENG	EUR	24,8900	24,8900	24,6700			24,6700					
Warrant	NL0009107051	SHELL 3.6SPLOPENG	EUR	23,4200	23,4200	23,2000			23,2000					
Warrant	NL0009111111	SHELL 4.7SPLOPENG	EUR	22,4100	22,4100	22,1800			22,1800					
Warrant	NL0009111988	SHELL 5.8SPLOPENG	EUR	21,4100	21,4100	21,1900			21,1900					
Warrant	NL0009230697	SHELL 6.9SPLOPENG	EUR	20,3900	20,3900	20,1700			20,1700					
Warrant	NL0009234319	SHELL 8.2SPLOPENG	EUR	19,2000	19,2000	18,9700			18,9700					
Warrant	NL0009763879	SHELL 11.7SPLOPENG	EUR	15,9400	15,9400	15,7200			15,7200					
Warrant	NL0011492822	SHELL 12.6SPLOPENG	EUR	15,1400	15,1400	14,9100			14,9100					
Warrant	NL0011618848	SHELL 13.5SPLOPENG	EUR	14,3000	14,3000	14,0700			14,0700					
Warrant	NL0011619739	SHELL 14.4SPLOPENG	EUR	13,4100	13,4100	13,1800			13,1800					
Warrant	NL0011619994	SHELL 15.4SPLOPENG	EUR	11,4600	11,4600	11,2400			11,2400					
Warrant	NL0011622386	SHELL 15.4SPLOPENG	EUR	12,5000	12,5000	12,2200	245,5000	2	12,2700	20				
Warrant	NL0011627823	SHELL 16.4SPLOPENG	EUR	11,5300	11,5300	11,3000			11,3000					
Warrant	NL0011628532	SHELL 17.5SPLOPENG	EUR	10,5400	10,5400	10,3100			10,3100					
Warrant	NL0011856182	SHELL 18.6SPLOPENG	EUR	9,5300	9,5300	9,3000			9,3000					
Warrant	NL0011860762	SHELL 19.7SPLOPENG	EUR	8,4600	8,4600	8,2400			8,2400					
Warrant	NL0012076228	SHELL 20.8SPLOPENG	EUR	7,4400	7,4400	7,2200			7,2200					
Warrant	NL0011853791	SHELL 21.9SPLOPENG	EUR											
Warrant	NL0011859392	SHELL 22.6SPLOPENG	EUR											
Warrant	NL0012473128	SHELL 23.2SPLOPENG	EUR	5,2600	5,2600	5,0300			5,0300					
Warrant	NL0012478960	SHELL 24.4SPLOPENG	EUR	4,1100	4,1100	3,8800			3,8800					
Warrant	NL0012479554	SHELL 25.7SPLOPENG	EUR	2,9100	2,9100	2,6800			2,6800					
Warrant	NL0012831168	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012481345	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012827943	SHELL 27.4SPLOPENG	EUR											
Warrant	DE000CJ3QEC4	SHELL 27.5C 0619Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	NL0012829113	SHELL 28.3SPSOPENG	EUR											
Warrant	NL0012831150	SHELL 28.8SPLOPENG	EUR											
Warrant	NL0012835722	SHELL 28.8SPSOPENG	EUR	4,4500	4,6800	4,4500			4,6800					
Warrant	NL0012829386	SHELL 29.3SPSOPENG	EUR											
Warrant	NL0012827950	SHELL 33.2SPSOPENG	EUR	9,1800	9,4100	9,1800			9,4100					
Warrant	NL0011492483	SHELL 9.35SPLOPENG	EUR	17,5000	17,5000	17,2800			17,2800					
Warrant	NL0011371372	SHELL11.73SPLOPENG	EUR	15,1400	15,1400	14,9100			14,9100					
Warrant	NL0011617204	SHELL13.47SPLOPENG	EUR	13,3800	13,3800	13,1600			13,1600					
Warrant	NL0011618723	SHELL14.41SPLOPENG	EUR	12,4600	12,4600	12,2300			12,2300					
Warrant	NL0011622659	SHELL16.41SPLOPENG	EUR	10,4700	10,4700	10,2500			10,2500					
Warrant	NL0011628334	SHELL17.48SPLOPENG	EUR	9,4100	9,4100	9,1900			9,1900					
Warrant	NL0011856075	SHELL18.55SPLOPENG	EUR	8,3300	8,3300	8,1100			8,1100					
Warrant	NL0011861653	SHELL19.04SPLOPENG	EUR	7,8400	7,8400	7,6100			7,6100					
Warrant	NL0011859715	SHELL19.65SPLOPENG	EUR	7,2300	7,2300	7,0100			7,0100					
Warrant	NL0011620760	SHELL20.15SPLOPENG	EUR											
Warrant	NL0011861885	SHELL20.81SPLOPENG	EUR	6,0400	6,0400	5,8000	2900,0000	1	5,8200	500				
Warrant	NL0012080600	SHELL21.39SPLOPENG	EUR	5,5000	5,5000	5,2700			5,2700					
Warrant	NL0012461909	SHELL22.57SPLOPENG	EUR	4,3100	4,3100	4,0900			4,0900					
Warrant	NL0012475206	SHELL23.04SPLOPENG	EUR	3,8500	3,8500	3,6200			3,6200					
Warrant	NL0012472096	SHELL23.79SPLOPENG	EUR	3,0100	3,0100	2,7700	11570,0000	4	2,7800	4000				
Warrant	NL0012478812	SHELL25.05SPLOPENG	EUR	1,8200	1,8500	1,6000	1,8500	1	1,6000	1				
Warrant	NL0012067516	SHELL25.39SPSOPENG	EUR											
Warrant	NL0012834469	SHELL26.33SPLOPENG	EUR											
Warrant	NL0012480347	SHELL26.76SPLOPENG	EUR											
Warrant	NL0012819346	SHELL27.35SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012836332	SHELL27.79SPSOPENG	EUR	1,1400	1,3700	1,1400			1,3700					
Warrant	NL0012830822	SHELL28.09SPLOPENG	EUR											
Warrant	NL0012819338	SHELL28.49SPLOPENG	EUR											
Warrant	NL0012820567	SHELL29.89SPSOPENG	EUR	3,2400	3,4700	3,2400			3,4700					
Warrant	NL0012469407	SHELL32.22SPSOPENG	EUR	5,5700	5,8000	5,5700			5,8000					
Warrant	NL0012819296	SHELL34.53SPSOPENG	EUR	7,8800	8,1100	7,8800			8,1100					
Warrant	NL0012827018	SILVE 14SPLOPENG	EUR											
Warrant	NL0012827190	SILVE 5.1SPLOPENG	EUR	8,2900	8,2900	8,2900			8,2900					
Warrant	NL0012827182	SILVE 6.1SPLOPENG	EUR	7,4500	7,4500	7,4500			7,4500					
Warrant	NL0012827174	SILVE 7.1SPLOPENG	EUR	6,6000	6,6000	6,6000			6,6000					
Warrant	NL0012827166	SILVE 8.1SPLOPENG	EUR	5,7500	5,7500	5,7500			5,7500					
Warrant	NL0012827158	SILVE 9.1SPLOPENG	EUR	4,8900	4,8900	4,8900			4,8900					
Warrant	NL0006408593	SILVE 9.9SPLOPENG	EUR	4,1800	4,1800	4,1800			4,1800					
Warrant	NL0012827141	SILVE 10.1SPLOPENG	EUR	4,0300	4,0300	4,0300			4,0300					
Warrant	NL0006408601	SILVE 10.6SPLOPENG	EUR	3,6700	3,6700	3,6700			3,6700					
Warrant	NL0012827133	SILVE 11.1SPLOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012827125	SILVE 12.2SPLOPENG	EUR	2,3300	2,3300	2,3300			2,3300					
Warrant	NL0006423808	SILVE 12.4SPLOPENG	EUR	2,1600	2,1600	2,1600			2,1600					
Warrant	NL0012827117	SILVE 13.2SPLOPENG	EUR	1,4700	1,4700	1,4700			1,4700					
Warrant	NL0011618384	SILVE 13.5SPLOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0006425597	SILVE 13.7SPLOPENG	EUR	1,0500	1,0500	1,0500			1,0500					
Warrant	NL0012829626	SILVE 14.1SPLOPENG	EUR											
Warrant	NL0011483482	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0012827000	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0012832661	SILVE 14.5SPLOPENG	EUR											
Warrant	NL0011483672	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012829634	SILVE 14.8SPSOPENG	EUR											
Warrant	NL0012832026	SILVE 14.8SPSOPENG	EUR											
Warrant	NL0012825152	SILVE 15.2SPLOPENG	EUR											
Warrant	NL0012828073	SILVE 15.3SPSOPENG	EUR	1,1000	1,1000	1,1000			1,1000					
Warrant	NL0012827869	SILVE 15.6SPSOPENG	EUR	2,0800	2,0800	2,0800			2,0800					
Warrant	NL0012825905	SILVE 15.7SPSOPENG	EUR	1,4900	1,4900	1,4900			1,4900					
Warrant	NL0012824643	SILVE 16.1SPSOPENG	EUR	1,8400	1,8400	1,8400			1,8400					
Warrant	NL0012063085	SILVE 16.4SPLOPENG	EUR											
Warrant	NL0012825160	SILVE 16.4SPSOPENG	EUR	2,8500	2,8500	2,8500			2,8500					
Warrant	NL0012823173	SILVE 17.3SPSOPENG	EUR	3,6600	3,6600	3,6600			3,6600					
Warrant	NL0011859095	SILVE 17.7SPLOPENG	EUR											
Warrant	NL0012070627	SILVE 18.2SPSOPENG	EUR	4,5200	4,5200	4,5200			4,5200					
Warrant	NL0011856406	SILVE 19.2SPSOPENG	EUR	5,4200	5,4200	5,4200			5,4200					
Warrant	NL0011851829	SILVE 19.8SPLOPENG	EUR											
Warrant	NL0011852595	SILVE 20.2SPSOPENG	EUR	6,3700	6,3700	6,3700			6,3700					
Warrant	NL0011846118	SILVE 21.3SPSOPENG	EUR	7,3600	7,3600	7,3600			7,3600					
Warrant	NL0010534822	SILVE 23.3SPSOPENG	EUR	8,1800	8,1800	8,1800			8,1800					
Warrant	NL0010358487	SILVE 23.6SPSOPENG	EUR	9,5200	9,5200	9,5200			9,5200					
Warrant	NL0011848627	SILVE 24.8SPSOPENG	EUR	10,6200	10,6200	10,6200			10,6200					
Warrant	NL0012827067	SILVE10.12SPLOPENG	EUR	3,6700	3,6700	3,6700			3,6700					
Warrant	NL0012827059	SILVE11.13SPLOPENG	EUR	2,7800	2,7800	2,7800			2,7800					
Warrant	NL0012827042	SILVE12.14SPLOPENG	EUR	1,8700	1,8700	1,8700			1,8700					
Warrant	NL0011485875	SILVE13.28SPLOPENG	EUR	0,8500	0,8700	0,8500	224,2000	2	0,8700	260				
Warrant	NL0011481973	SILVE13.62SPLOPENG	EUR	0,5200	0,5300	0,5200	265,0000	1	0,5300	500				
Warrant	NL0011365903	SILVE13.94SPLOPENG	EUR											
Warrant	NL0012835508	SILVE13.96SPLOPENG	EUR	0,2800	0,2800	0,2400	240,0000	1	0,2400	1000				
Warrant	NL0011305065	SILVE14.19SPLOPENG	EUR											
Warrant	NL0012830996	SILVE14.27SPLOPENG	EUR											
Warrant	NL0012827687	SILVE14.52SPLOPENG	EUR											
Warrant	NL0011299003	SILVE14.52SPLOPENG	EUR											
Warrant	NL0012830004	SILVE14.54SPSOPENG	EUR											
Warrant	NL0011486774	SILVE14.88SPLOPENG	EUR											
Warrant	NL0012828784	SILVE14.92SPSOPENG	EUR	0,7600	0,7600	0,7600			0,7600					
Warrant	NL0012828065	SILVE14.92SPSOPENG	EUR											
Warrant	NL0012063648	SILVE16.48SPLOPENG	EUR											
Warrant	NL0012822902	SILVE16.51SPSOPENG	EUR	2,1700	2,1700	2,1700			2,1700					
Warrant	NL0012822068	SILVE16.94SPSOPENG	EUR	2,5400	2,5400	2,5400			2,5400					
Warrant	NL0011843297	SILVE17.32SPLOPENG	EUR											
Warrant	NL0012472609	SILVE17.37SPSOPENG	EUR	2,9300	2,9300	2,9300			2,9300					
Warrant	NL0011858451	SILVE17.51SPLOPENG	EUR											
Warrant	NL0012081202	SILVE17.81SPSOPENG	EUR	3,3200	3,3200	3,3200			3,3200					
Warrant	NL0011858881	SILVE17.95SPLOPENG	EUR											
Warrant	NL0012070452	SILVE18.27SPSOPENG	EUR	3,7700	3,7700	3,7700			3,7700					
Warrant	NL0011860275	SILVE18.74SPSOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0011856489	SILVE19.22SPSOPENG	EUR	4,6200	4,6200	4,6200			4,6200					
Warrant	NL0011853874	SILVE19.24SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011855598	SILVE19.71SPSOPENG	EUR	5,0100	5,0100	5,0100			5,0100					
Warrant	NL0011851308	SILVE20.22SPSOPENG	EUR	5,4500	5,4500	5,4500			5,4500					
Warrant	NL0011846647	SILVE20.74SPSOPENG	EUR	5,9500	5,9500	5,9500			5,9500					
Warrant	NL0010587226	SILVE21.27SPSOPENG	EUR	6,3800	6,3800	6,3800			6,3800					
Warrant	NL0010358719	SILVE25.14SPSOPENG	EUR	9,8000	9,8000	9,8000			9,8000					
Warrant	NL0011848742	SILVE25.76SPSOPENG	EUR	10,4000	10,4000	10,4000			10,4000					
Warrant	NL0012827109	SILVE6.071SPLOPENG	EUR	7,2600	7,2600	7,2600			7,2600					
Warrant	NL0012827091	SILVE7.083SPLOPENG	EUR	6,4000	6,4000	6,4000			6,4000					
Warrant	NL0012827083	SILVE8.095SPLOPENG	EUR	5,4600	5,4600	5,4600			5,4600					
Warrant	NL0012827075	SILVE9.107SPLOPENG	EUR	4,5700	4,5700	4,5700			4,5700					
Warrant	NL0010344651	SNSRE 15SPSOPENG	EUR											
Warrant	NL0009757996	SNSRE 45SPSOPENG	EUR											
Warrant	NL0010345914	SNSRE 0.65SPLOPENG	EUR											
Warrant	NL0010345922	SNSRE 0.75SPLOPENG	EUR											
Warrant	NL0010343612	SNSRE 1.15SPSOPENG	EUR											
Warrant	NL0010210571	SNSRE 1.25SPSOPENG	EUR											
Warrant	NL0010096483	SNSRE 1.45SPSOPENG	EUR											
Warrant	NL0010095493	SNSRE 1.55SPSOPENG	EUR											
Warrant	NL0010091419	SNSRE 1.75SPSOPENG	EUR											
Warrant	NL0010090320	SNSRE 1.95SPSOPENG	EUR											
Warrant	NL0009878271	SNSRE 2.35SPSOPENG	EUR											
Warrant	NL0009234814	SNSRE 5.25SPSOPENG	EUR											
Warrant	NL0011618889	SOGEN 18.8SPLOPENG	EUR	16,2400	16,2400	15,9600			15,9600					
Warrant	NL0010959813	SOGEN 21.25PLOPENG	EUR	14,0200	14,0200	13,7300			13,7300					
Warrant	NL0011212576	SOGEN 51.8SPSOPENG	EUR											
Warrant	NL0011855333	SOLVA 92SPLOPENG	EUR	9,8600	9,8600	8,9200			8,9200					
Warrant	NL0009112507	SOLVA 41.1SPLOPENG	EUR	57,2300	57,2300	56,2900			56,2900					
Warrant	NL0010201976	SOLVA 63.25PLOPENG	EUR	36,6800	36,6800	35,7400			35,7400					
Warrant	NL0011621586	SOLVA 69.65PLOPENG	EUR	30,7000	30,7000	29,7600			29,7600					
Warrant	NL0011851001	SOLVA 83.8SPLOPENG	EUR	17,4200	17,4200	16,4800			16,4800					
Warrant	NL0012064646	SOLVA100.5SPLOPENG	EUR											
Warrant	NL0011199286	SOLVA122.5SPSOPENG	EUR											
Warrant	NL0006427619	SP500 286SPLOPENG	EUR	21,4100	21,4100	21,4100			21,4100					
Warrant	NL0009882281	SP500 1053SPLOPENG	EUR	14,8000	14,8000	14,8000			14,8000					
Warrant	NL0009906999	SP500 1228SPLOPENG	EUR	13,2800	13,2800	13,2800			13,2800					
Warrant	NL0010203741	SP500 1298SPLOPENG	EUR	12,7000	12,7000	12,7000			12,7000					
Warrant	NL0010354338	SP500 1427SPLOPENG	EUR	11,2400	11,2400	11,2400			11,2400					
Warrant	NL0010352084	SP500 1457SPLOPENG	EUR	11,3300	11,3300	11,3300			11,3300					
Warrant	NL0010354296	SP500 1532SPLOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0010362919	SP500 1542SPLOPENG	EUR	10,6000	10,6000	10,6000			10,6000					
Warrant	NL0010466140	SP500 1585SPLOPENG	EUR	9,8400	9,8400	9,8400			9,8400					
Warrant	NL0010527669	SP500 1631SPLOPENG	EUR	9,8400	9,8400	9,8400			9,8400					
Warrant	NL0010543898	SP500 1677SPLOPENG	EUR	9,0300	9,0300	9,0300			9,0300					
Warrant	NL0010545067	SP500 1715SPLOPENG	EUR	8,6900	8,6900	8,6900			8,6900					
Warrant	NL0010584215	SP500 1744SPLOPENG	EUR	8,8600	8,8600	8,8600			8,8600					
Warrant	NL0010585436	SP500 1753SPLOPENG	EUR	8,3500	8,3500	8,3500			8,3500					
Warrant	NL0010679551	SP500 1793SPLOPENG	EUR	8,0000	8,0000	8,0000			8,0000					
Warrant	NL0010679353	SP500 1803SPLOPENG	EUR	8,3500	8,3500	8,3500			8,3500					
Warrant	NL0010681037	SP500 1833SPLOPENG	EUR	7,6500	7,6500	7,6500			7,6500					
Warrant	NL0011492525	SP500 1841SPLOPENG	EUR	8,0200	8,0200	8,0200			8,0200					
Warrant	NL0011492541	SP500 1847SPLOPENG	EUR	7,5200	7,5200	7,5200			7,5200					
Warrant	NL0011620455	SP500 1874SPLOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0011621271	SP500 1881SPLOPENG	EUR	7,6800	7,6800	7,6800			7,6800					
Warrant	NL0011620646	SP500 1903SPLOPENG	EUR	7,0400	7,0400	7,0400			7,0400					
Warrant	NL0011621917	SP500 1917SPLOPENG	EUR	6,9100	6,9100	6,9100			6,9100					
Warrant	NL0011621693	SP500 1921SPLOPENG	EUR	7,3300	7,3300	7,3300			7,3300					
Warrant	NL0011622600	SP500 1931SPLOPENG	EUR	6,7900	6,7900	6,7900			6,7900					
Warrant	NL0011618608	SP500 1939SPSOPENG	EUR											
Warrant	NL0011623756	SP500 1960SPLOPENG	EUR	6,5300	6,5300	6,5300			6,5300					
Warrant	NL0011624424	SP500 1962SPLOPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0011624150	SP500 1975SPLOPENG	EUR	6,4000	6,4000	6,4000			6,4000					
Warrant	NL0011625215	SP500 1990SPLOPENG	EUR	6,2700	6,2700	6,2700			6,2700					
Warrant	NL0011625843	SP500 2004SPLOPENG	EUR	6,1400	6,1400	6,1400			6,1400					
Warrant	NL0011625892	SP500 2014SPLOPENG	EUR	6,5300	6,5300	6,5300			6,5300					
Warrant	NL0011626270	SP500 2019SPLOPENG	EUR	6,0100	6,0100	6,0100			6,0100					
Warrant	NL0011626858	SP500 2034SPLOPENG	EUR	5,8700	5,8700	5,8700			5,8700					
Warrant	NL0011845706	SP500 2049SPLOPENG	EUR	5,7400	5,7400	5,7400			5,7400					
Warrant	NL0011845987	SP500 2067SPLOPENG	EUR	6,0700	6,0700	6,0700			6,0700					
Warrant	NL0011846068	SP500 2080SPLOPENG	EUR	5,4700	5,4700	5,4700			5,4700					
Warrant	NL0011847835	SP500 2110SPLOPENG	EUR	5,2000	5,2000	5,2000			5,2000					
Warrant	NL0011848155	SP500 2122SPLOPENG	EUR	5,6000	5,6000	5,6000			5,6000					
Warrant	NL0011848288	SP500 2126SPLOPENG	EUR	5,0600	5,0600	5,0600			5,0600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011859970	SP500 2141SPLOPENG	EUR	4,9300	4,9300	4,9300			4,9300					
Warrant	NL0011860820	SP500 2157SPLOPENG	EUR	4,7900	4,7900	4,7900			4,7900					
Warrant	NL0011861075	SP500 2173SPLOPENG	EUR	4,6500	4,6500	4,6500			4,6500					
Warrant	NL0011861356	SP500 2177SPLOPENG	EUR	5,1300	5,1300	5,1300			5,1300					
Warrant	NL0011861091	SP500 2189SPLOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0011861497	SP500 2205SPLOPENG	EUR	4,3700	4,3700	4,3700			4,3700					
Warrant	NL0011862818	SP500 2220SPLOPENG	EUR	4,2300	4,2300	4,2300			4,2300					
Warrant	NL0011862503	SP500 2234SPLOPENG	EUR	4,6400	4,6400	4,6400			4,6400					
Warrant	NL0012061543	SP500 2237SPLOPENG	EUR	4,0800	4,0800	4,0800			4,0800					
Warrant	NL0012063507	SP500 2253SPLOPENG	EUR	3,9400	3,9400	3,9400			3,9400					
Warrant	NL0012063945	SP500 2269SPLOPENG	EUR	3,7900	3,7900	3,7900			3,7900					
Warrant	NL0012065668	SP500 2286SPLOPENG	EUR	3,6500	3,6500	3,6500			3,6500					
Warrant	NL0012062434	SP500 2292SPLOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0012066112	SP500 2319SPLOPENG	EUR	3,3500	3,3500	3,3500			3,3500					
Warrant	NL0012066153	SP500 2336SPLOPENG	EUR	3,2000	3,2000	3,2000			3,2000					
Warrant	NL0012066518	SP500 2351SPLOPENG	EUR	3,6300	3,6300	3,6300			3,6300					
Warrant	NL0012066377	SP500 2353SPLOPENG	EUR	3,0500	3,0500	3,0500			3,0500					
Warrant	NL0012068365	SP500 2370SPLOPENG	EUR	2,9000	2,9000	2,9000			2,9000					
Warrant	NL0012073076	SP500 2387SPLOPENG	EUR	2,7500	2,7500	2,7500			2,7500					
Warrant	NL0012073753	SP500 2404SPLOPENG	EUR	2,6000	2,6000	2,6000			2,6000					
Warrant	NL0012077705	SP500 2411SPLOPENG	EUR	3,1100	3,1100	3,1100			3,1100					
Warrant	NL0012076087	SP500 2421SPLOPENG	EUR	2,4500	2,4500	2,4500			2,4500					
Warrant	NL0012076590	SP500 2438SPLOPENG	EUR	2,3000	2,3000	2,3000			2,3000					
Warrant	NL0012077515	SP500 2456SPLOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0012080295	SP500 2473SPLOPENG	EUR	1,9900	1,9900	1,9900			1,9900					
Warrant	NL0012077739	SP500 2473SPLOPENG	EUR	2,5700	2,5700	2,5700			2,5700					
Warrant	NL0012081194	SP500 2491SPLOPENG	EUR	1,8300	1,8300	1,8300			1,8300					
Warrant	NL0012462618	SP500 2509SPLOPENG	EUR	1,6700	1,6700	1,6700			1,6700					
Warrant	NL0012462600	SP500 2527SPLOPENG	EUR	1,5100	1,5100	1,5100			1,5100					
Warrant	NL0012462451	SP500 2536SPLOPENG	EUR	2,0300	2,0300	2,0300			2,0300					
Warrant	NL0012463707	SP500 2545SPLOPENG	EUR	1,3500	1,3500	1,3500			1,3500					
Warrant	NL0012465595	SP500 2563SPLOPENG	EUR	1,1900	1,1900	1,1900			1,1900					
Warrant	NL0012472906	SP500 2581SPLOPENG	EUR	1,0300	1,0300	1,0300			1,0300					
Warrant	NL0012478507	SP500 2600SPLOPENG	EUR	1,4800	1,4800	1,4800			1,4800					
Warrant	NL0012478713	SP500 2600SPLOPENG	EUR	0,8700	0,8700	0,8700			0,8700					
Warrant	NL0012478705	SP500 2614SPLOPENG	EUR											
Warrant	NL0012819262	SP500 2632SPLOPENG	EUR											
Warrant	NL0012834766	SP500 2635SPLOPENG	EUR											
Warrant	NL0012819254	SP500 2651SPLOPENG	EUR											
Warrant	NL0012834956	SP500 2653SPLOPENG	EUR											
Warrant	NL0012819924	SP500 2659SPLOPENG	EUR											
Warrant	NL0012819247	SP500 2668SPLOPENG	EUR											
Warrant	NL0012835144	SP500 2672SPLOPENG	EUR											
Warrant	NL0012821318	SP500 2687SPLOPENG	EUR											
Warrant	NL0012821821	SP500 2706SPLOPENG	EUR											
Warrant	NL0012824205	SP500 2722SPLOPENG	EUR											
Warrant	NL0012823835	SP500 2726SPLOPENG	EUR											
Warrant	NL0012824619	SP500 2741SPLOPENG	EUR											
Warrant	NL0012825707	SP500 2760SPLOPENG	EUR											
Warrant	NL0012835920	SP500 2777SPLOPENG	EUR	0,8300	0,8300	0,8300			0,8300					
Warrant	NL0012826754	SP500 2779SPLOPENG	EUR											
Warrant	NL0012825558	SP500 2794SPLOPENG	EUR											
Warrant	NL0012835599	SP500 2797SPLOPENG	EUR	1,0000	1,0000	1,0000			1,0000					
Warrant	NL0012828297	SP500 2799SPLOPENG	EUR											
Warrant	NL0012833651	SP500 2817SPLOPENG	EUR	1,1700	1,1700	1,1700			1,1700					
Warrant	NL0012828388	SP500 2818SPLOPENG	EUR											
Warrant	NL0012833669	SP500 2837SPLOPENG	EUR	1,3500	1,3500	1,3500			1,3500					
Warrant	NL0012830699	SP500 2838SPLOPENG	EUR											
Warrant	NL0012832190	SP500 2853SPLOPENG	EUR	2,2000	2,2000	2,2000			2,2000					
Warrant	NL0012468805	SP500 2855SPLOPENG	EUR											
Warrant	NL0012833677	SP500 2857SPLOPENG	EUR	1,5300	1,5300	1,5300			1,5300					
Warrant	NL0012828495	SP500 2864SPLOPENG	EUR											
Warrant	NL0012080881	SP500 2869SPLOPENG	EUR											
Warrant	NL0012468813	SP500 2871SPLOPENG	EUR											
Warrant	NL0012832539	SP500 2877SPLOPENG	EUR	1,7100	1,7100	1,7100			1,7100					
Warrant	NL0012469308	SP500 2890SPLOPENG	EUR											
Warrant	NL0012469316	SP500 2910SPLOPENG	EUR											
Warrant	NL0012832547	SP500 2918SPLOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012471080	SP500 2926SPLOPENG	EUR											
Warrant	NL0012832208	SP500 2926SPLOPENG	EUR	2,8700	2,8700	2,8700			2,8700					
Warrant	NL0012465496	SP500 2935SPLOPENG	EUR											
Warrant	NL0012471098	SP500 2938SPLOPENG	EUR	2,2300	2,2300	2,2300			2,2300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825715	SP500 2959SPSOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0012826796	SP500 2980SPSOPENG	EUR	2,6200	2,6200	2,6200			2,6200					
Warrant	NL0012828115	SP500 3001SPSOPENG	EUR	2,8100	2,8100	2,8100			2,8100					
Warrant	NL0012832216	SP500 3001SPSOPENG	EUR	3,5600	3,5600	3,5600			3,5600					
Warrant	NL0012829048	SP500 3043SPSOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012829741	SP500 3065SPSOPENG	EUR	3,3700	3,3700	3,3700			3,3700					
Warrant	NL0012466734	SP500 3078SPSOPENG	EUR	4,2600	4,2600	4,2600			4,2600					
Warrant	NL0012830707	SP500 3086SPSOPENG	EUR	3,5600	3,5600	3,5600			3,5600					
Warrant	NL0012467252	SP500 3156SPSOPENG	EUR	4,9800	4,9800	4,9800			4,9800					
Warrant	NL0012469829	SP500 3236SPSOPENG	EUR	5,7100	5,7100	5,7100			5,7100					
Warrant	NL0012474977	SP500 3318SPSOPENG	EUR	6,4500	6,4500	6,4500			6,4500					
Warrant	NL0006421695	SPBRI 770SPLOPENG	EUR	21,4200	21,5200	21,4200			21,5200					
Warrant	NL0009107838	SPBRI 1360SPLOPENG	EUR	15,6600	15,7600	15,6600			15,7600					
Warrant	NL0009111145	SPBRI 1590SPLOPENG	EUR	13,4500	13,5500	13,4500			13,5500					
Warrant	NL0010463147	SVT 1049SPLOPENG	EUR	11,5600	11,5600	11,3300			11,3300					
Warrant	NL0010459319	SVT 1289SPLOPENG	EUR	9,0800	9,0800	8,8600			8,8600					
Warrant	NL0010592929	TBOND 119SPLOPENG	EUR	21,1900	21,1900	21,1900			21,1900					
Warrant	NL0010541389	TBOND 122SPLOPENG	EUR	18,9700	18,9700	18,9700			18,9700					
Warrant	NL0010535290	TBOND 125SPLOPENG	EUR	16,6600	16,6600	16,6600			16,6600					
Warrant	NL0009878602	TBOND 132SPLOPENG	EUR	10,6000	10,6000	10,6000			10,6000					
Warrant	NL0010599999	TBOND 134SPLOPENG	EUR	8,2100	8,2100	8,2100			8,2100					
Warrant	NL0012829725	TBOND 139SPLOPENG	EUR											
Warrant	NL0012827901	TBOND 143SPLOPENG	EUR											
Warrant	NL0012830160	TBOND 143SPSOPENG	EUR	8,0200	8,0200	8,0200			8,0200					
Warrant	NL0012079099	TBOND 152SPSOPENG	EUR	16,3000	16,3000	16,3000			16,3000					
Warrant	NL0011850706	TBOND 157SPSOPENG	EUR	20,7400	20,7400	20,7400			20,7400					
Warrant	NL0011845136	TBOND 159SPSOPENG	EUR	22,5000	22,5000	22,5000			22,5000					
Warrant	NL0010591152	TESLA 110SPLOPENG	EUR	21,7700	21,7700	21,7700			21,7700					
Warrant	NL0010590360	TESLA 118SPLOPENG	EUR	21,1100	21,1100	21,1100			21,1100					
Warrant	NL0010588653	TESLA 127SPLOPENG	EUR	20,3900	20,3900	20,3900			20,3900					
Warrant	NL0010591749	TESLA 136SPLOPENG	EUR	19,6900	19,6900	19,6900			19,6900					
Warrant	NL0010592549	TESLA 145SPLOPENG	EUR	18,9300	18,9300	18,9300			18,9300					
Warrant	DE000CJ3N955	TESLA 275C 0319Z	EUR	4,0000	4,0350	4,0000			4,0350					
Warrant	DE000CJ3N948	TESLA 275C 1218Z	EUR	3,2500	3,2900	3,2500			3,2900					
Warrant	DE000CV50678	TESLA 300C 0319Z	EUR	6,4050	6,4700	6,4050			6,4700					
Warrant	DE000CV8AKP0	TESLA 300C 1218Z	EUR	2,2800	2,3250	2,2800			2,3250					
Warrant	DE000CV8AKQ8	TESLA 320C 1218Z	EUR	1,5850	1,6150	1,5850			1,6150					
Warrant	DE000CV50650	TESLA 330C 0319Z	EUR	4,7000	4,7600	4,7000			4,7600					
Warrant	DE000CV8AM78	TESLA 370C 1218Z	EUR	0,3900	0,3900	0,3850			0,3850					
Warrant	DE000CV8AM86	TESLA 380C 0319Z	EUR	1,2550	1,2650	1,2550			1,2650					
Warrant	DE000CV8ARM2	TESLA 420C 1218Z	EUR	0,0520	0,0520	0,0500			0,0500					
Warrant	DE000CV8ARN0	TESLA 430C 0319Z	EUR	0,5650	0,5750	0,5650			0,5750					
Warrant	NL0012828438	TN10 107SPLOPENG	EUR	13,7300	13,7300	13,7300			13,7300					
Warrant	NL0012828420	TN10 109SPLOPENG	EUR	11,8700	11,8700	11,8700			11,8700					
Warrant	NL0010468575	TN10 112SPLOPENG	EUR	9,9600	9,9600	9,9600			9,9600					
Warrant	NL0012831630	TN10 116SPLOPENG	EUR	6,0900	6,0900	6,0900			6,0900					
Warrant	NL0010468567	TN10 118SPLOPENG	EUR											
Warrant	NL0012465611	TN10 122SPSOPENG	EUR	6,7400	6,7400	6,7400			6,7400					
Warrant	NL0011019666	TN10 125SPSOPENG	EUR	9,0500	9,0500	9,0500			9,0500					
Warrant	NL0011629233	TN10 127SPSOPENG	EUR	11,4100	11,4100	11,4100			11,4100					
Warrant	NL0011845128	TN10 130SPSOPENG	EUR	13,8100	13,8100	13,8100			13,8100					
Warrant	NL0009902394	TOMTO 3SPLOPENG	EUR	5,1200	5,6100	5,1200			5,6100					
Warrant	DE000CJ3PD23	TOMTO 7C 0319Z	EUR	1,6250	1,6250	1,6250			1,6250					
Warrant	DE000CJ3PJ50	TOMTO 7C 0619Z	EUR	1,9150	1,9150	1,9150			1,9150					
Warrant	DE000CJ3PAV4	TOMTO 8C 0319Z	EUR	1,0600	1,0600	1,0600			1,0600					
Warrant	DE000CV8AN10	TOMTO 9C 0319Z	EUR	0,7050	0,7050	0,7050			0,7050					
Warrant	DE000CV4ZFH3	TOMTO 9C 1218Z	EUR	0,2800	0,2800	0,2800			0,2800					
Warrant	DE000CV8AN28	TOMTO 10C 0319Z	EUR	0,4600	0,4600	0,4600			0,4600					
Warrant	DE000CV8AN02	TOMTO 10C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV4ZFJ9	TOMTO 11C 1218Z	EUR	0,0690	0,0690	0,0690			0,0690					
Warrant	NL0006427726	TOMTO 0.9SPLOPENG	EUR	7,0200	7,5100	7,0200			7,5100					
Warrant	NL0006428906	TOMTO 1.8SPLOPENG	EUR	6,1600	6,6400	6,1600			6,6400					
Warrant	NL0009105394	TOMTO 2.6SPLOPENG	EUR	5,4100	5,8900	5,4100			5,8900					
Warrant	NL0010093076	TOMTO 3.2SPLOPENG	EUR	4,9100	5,3900	4,9100			5,3900					
Warrant	NL0010458576	TOMTO 3.9SPLOPENG	EUR	4,2700	4,7500	4,2700			4,7500					
Warrant	NL0010466496	TOMTO 4.2SPLOPENG	EUR	4,0000	4,4900	4,0000			4,4900					
Warrant	NL0010528725	TOMTO 4.5SPLOPENG	EUR	3,7500	4,2300	3,7500			4,2300					
Warrant	NL0010681615	TOMTO 4.8SPLOPENG	EUR	3,4400	3,9300	3,4400			3,9300					
Warrant	NL0010740163	TOMTO 5.1SPLOPENG	EUR	3,1400	3,6200	3,1400	1675,0000	1	3,6200	500				
Warrant	NL0010959748	TOMTO 5.5SPLOPENG	EUR	2,8200	3,3000	2,8200			3,3000					
Warrant	NL0010965406	TOMTO 5.8SPLOPENG	EUR											
Warrant	NL0012831192	TOMTO 5.9SPLOPENG	EUR	2,4800	2,9600	2,4800			2,9600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012831184	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0011022330	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0012831176	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0012836241	TOMTO 6.7SPLOPENG	EUR	1,7000	1,7000	1,7000			1,7000					
Warrant	NL0012832331	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0011859400	TOMTO 6.7SPLOPENG	EUR											
Warrant	DE000C3PJ43	TOMTO 6.8C 1218Z	EUR	1,4350	1,4350	1,4350			1,4350					
Warrant	NL0012824486	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012831572	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012833735	TOMTO 7.3SPSOPENG	EUR											
Warrant	DE000C3P0W5	TOMTO 7.5C 0319Z	EUR	1,3300	1,3300	1,3300			1,3300					
Warrant	DE000C3P0Y1	TOMTO 7.5C 0619Z	EUR	1,6500	1,6500	1,6500			1,6500					
Warrant	DE000CV896R7	TOMTO 7.5C 1218Z	EUR	0,9050	0,9050	0,9050			0,9050					
Warrant	NL0012824981	TOMTO 7.7SPLOPENG	EUR											
Warrant	NL0012824973	TOMTO 8.2SPLOPENG	EUR											
Warrant	DE000C3P0X3	TOMTO 8.5C 0319Z	EUR	0,8550	0,8550	0,8550			0,8550					
Warrant	DE000C3P0Z8	TOMTO 8.5C 0619Z	EUR	1,2100	1,2100	1,2100			1,2100					
Warrant	NL0012831200	TOMTO 8.6SPSOPENG	EUR	1,9600	1,9600	1,9600			1,9600					
Warrant	NL0012066674	TOMTO 10.2SPSOPENG	EUR	3,6600	3,6600	3,6600			3,6600					
Warrant	NL0012469647	TOMTO 11.7SPSOPENG	EUR	5,3500	5,3500	5,3500			5,3500					
Warrant	NL0012830756	TOMTO 6.09SPLOPENG	EUR											
Warrant	NL0012824049	TOMTO 6.97SPLOPENG	EUR											
Warrant	DE000CV896Q9	TOMTO 8.25C 1218Z	EUR	0,5050	0,5050	0,5050			0,5050					
Warrant	NL0012825384	TOMTO 8.53SPLOPENG	EUR											
Warrant	NL0012830152	TOMTO4.936SPLOPENG	EUR	2,9100	3,4000	2,9100			3,4000					
Warrant	NL0012830079	TOMTO5.307SPLOPENG	EUR	2,5400	3,0300	2,5400			3,0300					
Warrant	NL0012830061	TOMTO5.706SPLOPENG	EUR	2,1400	2,6300	2,1400			2,6300					
Warrant	NL0011845227	TOMTO6.086SPLOPENG	EUR											
Warrant	NL0012830988	TOMTO6.096SPLOPENG	EUR											
Warrant	NL0012832844	TOMTO6.106SPLOPENG	EUR	1,7400	2,2300	1,7400			2,2300					
Warrant	NL0011849047	TOMTO6.513SPLOPENG	EUR											
Warrant	NL0012830970	TOMTO6.523SPLOPENG	EUR											
Warrant	NL0012833198	TOMTO6.524SPLOPENG	EUR											
Warrant	NL0012834485	TOMTO6.534SPLOPENG	EUR	1,3200	1,8000	1,3200			1,8000					
Warrant	NL0012831382	TOMTO6.979SPLOPENG	EUR											
Warrant	NL0012834477	TOMTO6.991SPLOPENG	EUR	0,8600	1,3400	0,8600			1,3400					
Warrant	NL0012824783	TOMTO7.458SPLOPENG	EUR											
Warrant	NL0012831374	TOMTO7.466SPLOPENG	EUR											
Warrant	NL0012835193	TOMTO7.479SPLOPENG	EUR											
Warrant	NL0012825038	TOMTO7.982SPLOPENG	EUR											
Warrant	NL0012830087	TOMTO8.418SPSOPENG	EUR	0,8200	0,8200	0,8200			0,8200					
Warrant	NL0012062970	TOMTO9.905SPSOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0010958088	TOTAL 25.6SPLOPENG	EUR	24,5500	24,5500	24,5000			24,5000					
Warrant	NL0010537304	TOTAL 28.1SPLOPENG	EUR	22,2400	22,2400	22,1800			22,1800					
Warrant	NL0011634365	TOTAL 34.4SPLOPENG	EUR	16,3200	16,3200	16,2700			16,2700					
Warrant	NL0012075998	TOTAL 37.8SPLOPENG	EUR	13,2000	13,2000	13,1400			13,1400					
Warrant	NL0012473185	TOTAL 41.3SPLOPENG	EUR	9,8800	9,8800	9,8300			9,8300					
Warrant	NL0012479042	TOTAL 45.2SPLOPENG	EUR	6,3200	6,3200	6,2700			6,2700					
Warrant	NL0012824130	TOTAL 49.2SPLOPENG	EUR											
Warrant	NL0012829469	UCB S 58SPLOPENG	EUR	19,3400	19,3400	18,9600			18,9600					
Warrant	NL0012829436	UCB S 71SPLOPENG	EUR											
Warrant	NL0010530317	UCB S 40.7SPLOPENG	EUR	35,4900	35,4900	35,1100			35,1100					
Warrant	NL0010585709	UCB S 44.8SPLOPENG	EUR	31,6400	31,6400	31,2600			31,2600					
Warrant	NL0010595302	UCB S 49.3SPLOPENG	EUR	27,4500	27,4500	27,0700			27,0700					
Warrant	NL0010694873	UCB S 54.2SPLOPENG	EUR	22,8700	22,8700	22,4900			22,4900					
Warrant	NL0012829451	UCB S 62.1SPLOPENG	EUR	15,5500	15,5500	15,1700			15,1700					
Warrant	NL0012829444	UCB S 66.4SPLOPENG	EUR	11,5100	11,5100	11,1300			11,1300					
Warrant	NL0012829428	UCB S 75.9SPLOPENG	EUR											
Warrant	NL0011627492	UMICO 18SPLOPENG	EUR	39,0900	40,1100	39,0900			40,1100					
Warrant	DE000C3PJ84	UMICO 40C 0619Z	EUR	0,4850	0,5150	0,4850			0,5150					
Warrant	NL0012481410	UMICO 40SPLOPENG	EUR											
Warrant	DE000C3N9L1	UMICO 45C 0319Z	EUR	0,1550	0,1650	0,1550			0,1650					
Warrant	DE000CV89655	UMICO 45C 1218Z	EUR	0,0270	0,0370	0,0270			0,0370					
Warrant	DE000C3P083	UMICO 49C 0619Z	EUR	0,1750	0,1850	0,1750			0,1850					
Warrant	DE000CV8ASS7	UMICO 50C 0319Z	EUR	0,0810	0,0880	0,0810			0,0880					
Warrant	DE000CV896T3	UMICO 50C 1218Z	EUR	0,0120	0,0160	0,0120			0,0160					
Warrant	DE000CV8AN36	UMICO 55C 1218Z	EUR	0,0100	0,0120	0,0100			0,0120					
Warrant	NL0009106319	UMICO 3.4SPLOPENG	EUR	66,1600	67,1800	66,1600			67,1800					
Warrant	NL0009234046	UMICO 7.5SPLOPENG	EUR	58,6600	59,6800	58,6600			59,6800					
Warrant	NL0009368919	UMICO 8.7SPLOPENG	EUR	56,4100	57,4300	56,4100			57,4300					
Warrant	NL0010603882	UMICO 10.8SPLOPENG	EUR	52,3800	53,4000	52,3800			53,4000					
Warrant	NL0010603866	UMICO 13.4SPLOPENG	EUR	47,6000	48,6200	47,6000			48,6200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011631460	UMICO 19.75SPLOPENG	EUR	35,8200	36,8400	35,8200			36,8400					
Warrant	NL0012074215	UMICO 28.25PLOPENG	EUR	19,9700	20,9900	19,9700			20,9900					
Warrant	NL0012835771	UMICO 30.8SPLOPENG	EUR	7,6400	8,1500	7,6400			8,1500					
Warrant	NL0012835763	UMICO 33.6SPLOPENG	EUR	5,0600	5,5700	5,0600			5,5700					
Warrant	NL0012468037	UMICO 33.9SPLOPENG	EUR											
Warrant	NL0012835755	UMICO 36.6SPLOPENG	EUR											
Warrant	NL0012468029	UMICO 36.9SPLOPENG	EUR											
Warrant	DE000CJ3P176	UMICO 40.5C 0319Z	EUR	0,3050	0,3250	0,3050			0,3250					
Warrant	DE000CJ3P168	UMICO 40.5C 1218Z	EUR	0,0880	0,1050	0,0880			0,1050					
Warrant	NL0012481402	UMICO 43.6SPLOPENG	EUR											
Warrant	NL0009108174	UNILV 75PLOPENG	EUR	42,8400	42,8400	42,8100			42,8100					
Warrant	NL0012825228	UNILV 47SPLOPENG	EUR											
Warrant	NL0009112523	UNILV 10.25PLOPENG	EUR	39,8900	39,8900	39,8600			39,8600					
Warrant	NL0009234418	UNILV 11.9SPLOPENG	EUR	38,2900	38,2900	38,2600			38,2600					
Warrant	NL0009371277	UNILV 13.7SPLOPENG	EUR	36,5900	36,5900	36,5600			36,5600					
Warrant	NL0009902402	UNILV 17.3SPLOPENG	EUR	33,2000	33,2000	33,1700			33,1700					
Warrant	NL0010094355	UNILV 18.75PLOPENG	EUR	31,9500	31,9500	31,9200			31,9200					
Warrant	NL0010086450	UNILV 20.1SPLOPENG	EUR	30,6500	30,6500	30,6200			30,6200					
Warrant	NL0010202719	UNILV 21.55PLOPENG	EUR	29,2900	29,2900	29,2600			29,2600					
Warrant	NL0010942538	UNILV 25.65PLOPENG	EUR	25,4800	25,4800	25,4500			25,4500					
Warrant	NL0010966727	UNILV 27.8SPLOPENG	EUR	23,4300	23,4300	23,4000			23,4000					
Warrant	NL0011362322	UNILV 30.1SPLOPENG	EUR	21,2900	21,2900	21,2600			21,2600					
Warrant	NL0011373253	UNILV 32.1SPLOPENG	EUR	17,3400	17,3400	17,3100			17,3100					
Warrant	NL0011374400	UNILV 32.65PLOPENG	EUR	18,9900	18,9900	18,9600			18,9600					
Warrant	NL0012062921	UNILV 35.1SPLOPENG	EUR	16,6500	16,6500	16,6200			16,6200					
Warrant	NL0012068043	UNILV 40.65PLOPENG	EUR	11,5300	11,5300	11,5000			11,5000					
Warrant	NL0012479018	UNILV 43.55PLOPENG	EUR	8,8000	8,8000	8,7700			8,7700					
Warrant	NL0012835417	UNILV 46.65PLOPENG	EUR	5,9600	5,9600	5,9300			5,9300					
Warrant	NL0012836159	UNILV 49.45PSPENG	EUR											
Warrant	NL0010595567	UNILV18.34SPLOPENG	EUR	31,1000	31,1000	31,0700			31,0700					
Warrant	NL0010586822	UNILV19.64SPLOPENG	EUR	29,7900	29,7900	29,7600			29,7600					
Warrant	NL0010586814	UNILV21.04SPLOPENG	EUR	28,3900	28,3900	28,3600			28,3600					
Warrant	NL0010586806	UNILV22.52SPLOPENG	EUR	26,9200	26,9200	26,8900			26,8900					
Warrant	NL0010688701	UNILV23.97SPLOPENG	EUR	25,4700	25,4700	25,4400			25,4400					
Warrant	NL0010941019	UNILV25.47SPLOPENG	EUR	23,9700	23,9700	23,9400			23,9400					
Warrant	NL0010959458	UNILV27.03SPLOPENG	EUR	22,4100	22,4100	22,3800			22,3800					
Warrant	NL0011013222	UNILV28.66SPLOPENG	EUR	20,7800	20,7800	20,7500			20,7500					
Warrant	NL0011363155	UNILV30.34SPLOPENG	EUR	19,1000	19,1000	19,0700			19,0700					
Warrant	NL0011475868	UNILV33.94SPLOPENG	EUR	15,4700	15,4700	15,4400			15,4400					
Warrant	NL0012065403	UNILV35.78SPLOPENG	EUR	13,6700	13,6700	13,6400			13,6400					
Warrant	NL0012066187	UNILV37.71SPLOPENG	EUR	11,7400	11,7400	11,7100			11,7100					
Warrant	NL0012066294	UNILV39.73SPLOPENG	EUR	9,7100	9,7100	9,6800			9,6800					
Warrant	NL0012476907	UNILV41.79SPLOPENG	EUR	7,6500	7,6500	7,6200			7,6200					
Warrant	NL0012480990	UNILV43.94SPLOPENG	EUR	5,5000	5,5000	5,4700			5,4700					
Warrant	NL0012833891	UNILV46.17SPLOPENG	EUR	3,2800	3,4600	3,2500	346,0000	1	3,2500	100				
Warrant	NL0012822662	UNILV46.48SPLOPENG	EUR											
Warrant	NL0012832091	UNILV48.42SPSOPENG	EUR											
Warrant	NL0012463939	UNILV52.06SPSOPENG	EUR	2,9800	3,0000	2,9800			3,0000					
Warrant	NL0012073654	UNILV56.13SPSOPENG	EUR	7,0500	7,0700	7,0500			7,0700					
Warrant	NL0009371061	URW 71SPLOPENG	EUR	9,4100	9,4100	9,1900			9,1900					
Warrant	NL0010085676	URW 99SPLOPENG	EUR	6,8000	6,8000	6,5800			6,5800					
Warrant	NL0010201430	URW 107SPLOPENG	EUR	6,0700	6,1000	5,8400	610,0000	1	5,8400	100				
Warrant	NL0010203287	URW 115SPLOPENG	EUR	5,3200	5,3200	5,0900			5,0900					
Warrant	NL0010211801	URW 127SPLOPENG	EUR	4,2200	4,2200	3,9900			3,9900					
Warrant	NL0010537759	URW 139SPLOPENG	EUR	3,0900	3,0900	2,8600			2,8600					
Warrant	NL0010688149	URW 152SPLOPENG	EUR	1,8800	1,8800	1,6500			1,6500					
Warrant	NL0010940763	URW 165SPLOPENG	EUR											
Warrant	NL0012835748	URW 165SPSOPENG	EUR	1,9500	2,1600	1,9500			2,1600					
Warrant	NL0012479000	URW 177SPLOPENG	EUR											
Warrant	NL0012829410	URW 182SPSOPENG	EUR	3,7100	3,9300	3,7100			3,9300					
Warrant	NL0012474738	URW 200SPSOPENG	EUR	5,6600	5,8700	5,6600			5,8700					
Warrant	NL0011011986	URW 220SPSOPENG	EUR	7,9000	8,1100	7,9000			8,1100					
Warrant	NL0011019476	URW 243SPSOPENG	EUR	10,3900	10,6000	10,3900			10,6000					
Warrant	NL0012832711	URW 169SPSOPENG	EUR	1,1000	1,3100	1,1000			1,3100					
Warrant	NL0012075345	URW 211SPSOPENG	EUR	5,2900	5,5100	5,2900			5,5100					
Warrant	NL0012832703	URW 136.75PLOPENG	EUR	2,4700	2,4700	2,2500			2,2500					
Warrant	NL0012831796	URW 143.95PLOPENG	EUR	1,7500	1,7500	1,5300	42,5000	1	1,5300	25				
Warrant	NL0012472856	URW 151.55PLOPENG	EUR	1,0000	1,0000	0,7700			0,7700					
Warrant	NL0012472112	URW 159.65PLOPENG	EUR											
Warrant	NL0011858964	URW 168.45PLOPENG	EUR											
Warrant	NL0012828776	URW 172.25PLOPENG	EUR											
Warrant	NL0012478838	URW 176.85PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012480305	URW 181.5SPLOPENG	EUR											
Warrant	NL0012829121	URW 181.8SPSOPENG	EUR	2,3700	2,5900	2,3700			2,5900					
Warrant	NL0012472385	URW 195.5SPSOPENG	EUR	3,7400	3,9500	3,7400			3,9500					
Warrant	NL0011852751	URW 227.7SPSOPENG	EUR	6,9600	7,1700	6,9600			7,1700					
Warrant	NL0009619311	USJPY 79SPLOPENG	EUR	29,0800	29,0800	29,0800			29,0800					
Warrant	NL0010344859	USJPY 93SPLOPENG	EUR	18,1300	18,1300	18,1300			18,1300					
Warrant	NL0010347019	USJPY 97SPLOPENG	EUR	15,3600	15,3600	15,3600			15,3600					
Warrant	NL0010352191	USJPY 98SPLOPENG	EUR	13,8900	13,8900	13,8900			13,8900					
Warrant	NL0010465241	USJPY 100SPLOPENG	EUR	12,4000	12,4000	12,4000			12,4000					
Warrant	NL0011856836	USJPY 102SPLOPENG	EUR	10,8700	10,8700	10,8700			10,8700					
Warrant	NL0011860002	USJPY 104SPLOPENG	EUR	9,3300	9,3300	9,3300			9,3300					
Warrant	NL0012480503	USJPY 107SPLOPENG	EUR	7,7400	7,7400	7,7400			7,7400					
Warrant	NL0012823405	USJPY 109SPLOPENG	EUR	6,1200	6,1200	6,1200			6,1200					
Warrant	NL0012831812	USJPY 111SPLOPENG	EUR	4,4700	4,4700	4,4700			4,4700					
Warrant	NL0011361365	USJPY 113SPSOPENG	EUR											
Warrant	NL0010953097	USJPY 115SPSOPENG	EUR	2,7500	2,8800	2,7500			2,8800					
Warrant	NL0011203930	USJPY 117SPSOPENG	EUR	4,5700	4,5700	4,5700			4,5700					
Warrant	NL0011289335	USJPY 120SPSOPENG	EUR	6,4300	6,4300	6,4300			6,4300					
Warrant	NL0011290101	USJPY 122SPSOPENG	EUR	8,3200	8,3200	8,3200			8,3200					
Warrant	NL0010535878	VIVEN 11SPLOPENG	EUR	11,8400	11,8400	11,8200			11,8200					
Warrant	NL0012074231	VIVEN 18SPLOPENG	EUR	5,3500	5,3500	5,3300			5,3300					
Warrant	NL0010464111	VIVEN 7.9SPLOPENG	EUR	14,6900	14,6900	14,6700			14,6700					
Warrant	NL0010537791	VIVEN 12.2SPLOPENG	EUR	10,7600	10,7600	10,7400			10,7400					
Warrant	NL0010594834	VIVEN 13.8SPLOPENG	EUR	9,2600	9,2600	9,2400			9,2400					
Warrant	NL0012080899	VIVEN 19.6SPLOPENG	EUR	3,8100	3,8100	3,7900			3,7900					
Warrant	NL0012828230	VIVEN 21.3SPLOPENG	EUR											
Warrant	NL0009368935	VODAF 60SPLOPENG	EUR	1,3100	1,3100	1,2800			1,2800					
Warrant	NL0009371079	VODAF 73SPLOPENG	EUR	1,2000	1,2000	1,1700			1,1700					
Warrant	NL0009373513	VODAF 101SPLOPENG	EUR	0,9000	0,9000	0,8700			0,8700					
Warrant	NL0010526604	VODAF 118SPLOPENG	EUR	0,7300	0,7300	0,7000			0,7000					
Warrant	NL0010526596	VODAF 126SPLOPENG	EUR	0,6400	0,6400	0,6100			0,6100					
Warrant	NL0012829907	VOPAK 41SPLOPENG	EUR											
Warrant	NL0009239672	VOPAK 16.5SPLOPENG	EUR	23,8300	23,8300	23,2800			23,2800					
Warrant	NL0009367036	VOPAK 24.3SPLOPENG	EUR	16,5600	16,5600	16,0100			16,0100					
Warrant	NL0009766625	VOPAK 26.7SPLOPENG	EUR	14,3300	14,3300	13,7800			13,7800					
Warrant	NL0009875855	VOPAK 29.3SPLOPENG	EUR	11,9400	11,9400	11,3900			11,3900					
Warrant	NL0010813366	VOPAK 31.6SPLOPENG	EUR	9,7300	9,7300	9,1800			9,1800					
Warrant	NL0012474761	VOPAK 34.6SPLOPENG	EUR	6,9900	6,9900	6,4400			6,4400					
Warrant	NL0012819395	VOPAK 37.7SPLOPENG	EUR	4,1000	4,1000	3,5500			3,5500					
Warrant	NL0012073431	VOPAK 43.3SPSOPENG	EUR											
Warrant	NL0010967295	VOPAK 48.5SPSOPENG	EUR	13,4200	13,9600	13,4200			13,9600					
Warrant	NL0011010194	VOPAK 53.2SPSOPENG	EUR	18,4800	19,0200	18,4800			19,0200					
Warrant	NL0011374459	VOW 69SPLOPENG	EUR	8,5400	8,6000	8,5400			8,6000					
Warrant	NL0011373980	VOW 74SPLOPENG	EUR	8,0200	8,0800	8,0200			8,0800					
Warrant	NL0011371745	VOW 80SPLOPENG	EUR	7,4700	7,5200	7,4700			7,5200					
Warrant	NL0011474168	VOW 86SPLOPENG	EUR	6,9100	6,9700	6,9100			6,9700					
Warrant	NL0011619788	VOW 93SPLOPENG	EUR	6,3100	6,3700	6,3100			6,3700					
Warrant	NL0011622949	VOW 99SPLOPENG	EUR	5,6700	5,7300	5,6700			5,7300					
Warrant	NL0011848692	VOW 107SPLOPENG	EUR	4,9800	5,0400	4,9800			5,0400					
Warrant	NL0011861950	VOW 115SPLOPENG	EUR	4,2500	4,3100	4,2500			4,3100					
Warrant	NL0012062459	VOW 123SPLOPENG	EUR	3,4800	3,5400	3,4800			3,5400					
Warrant	NL0012463368	VOW 132SPLOPENG	EUR											
Warrant	NL0012823082	VOW 140SPLOPENG	EUR											
Warrant	NL0012831697	VOW 141SPLOPENG	EUR											
Warrant	NL0012832752	VOW 141SPLOPENG	EUR											
Warrant	NL0012824999	VOW 166SPSOPENG	EUR	3,1900	3,1900	3,1200			3,1200					
Warrant	NL0012476766	VOW 183SPSOPENG	EUR	4,9700	4,9700	4,9000			4,9000					
Warrant	NL0011195508	VOW 222SPSOPENG	EUR	9,1500	9,1500	9,0800			9,0800					
Warrant	NL0009885466	WEREL 5.9SPLOPENG	EUR	25,1100	25,1100	24,6800			24,6800					
Warrant	NL0009878255	WEREL 12.2SPLOPENG	EUR	19,3400	19,3400	18,9100			18,9100					
Warrant	NL0010343414	WEREL 20.7SPLOPENG	EUR	11,6600	11,6600	11,2300			11,2300					
Warrant	NL0010468211	WEREL 25.1SPLOPENG	EUR	7,6300	7,6300	7,2000			7,2000					
Warrant	NL0012473151	WEREL 26.4SPLOPENG	EUR	5,9000	5,9000	5,4700			5,4700					
Warrant	NL0012479026	WEREL 28.4SPLOPENG	EUR	4,0300	4,0300	3,6000			3,6000					
Warrant	NL0012824494	WEREL 31.1SPLOPENG	EUR											
Warrant	NL0012474746	WEREL 32.8SPSOPENG	EUR	5,2300	5,6400	5,2300			5,6400					
Warrant	NL0012469654	WEREL 40.1SPSOPENG	EUR	13,0200	13,4300	13,0200			13,4300					
Warrant	NL0012073399	WEREL 44.3SPSOPENG	EUR	17,5800	17,9900	17,5800			17,9900					
Warrant	NL0012822332	WOLTE 41SPLOPENG	EUR	12,9600	12,9600	12,6200			12,6200					
Warrant	NL0010352787	WOLTE 11.4SPLOPENG	EUR	43,4700	43,4700	43,1300			43,1300					
Warrant	NL0010951141	WOLTE 20.2SPLOPENG	EUR	35,4800	35,4800	35,1400			35,1400					
Warrant	NL0010962593	WOLTE 21.9SPLOPENG	EUR	33,9500	33,9500	33,6100			33,6100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011475389	WOLTE 25.5SPLOPENG	EUR	30,6000	30,6000	30,2600			30,2600					
Warrant	NL0011622915	WOLTE 29.75PLOPENG	EUR	26,8600	26,8600	26,5200			26,5200					
Warrant	NL0012064604	WOLTE 31.95PLOPENG	EUR	24,8400	24,8400	24,5000			24,5000					
Warrant	NL0012066278	WOLTE 34.35PLOPENG	EUR	22,6800	22,6800	22,3400			22,3400					
Warrant	NL0012474753	WOLTE 36.75PLOPENG	EUR	20,4200	20,4200	20,0800			20,0800					
Warrant	NL0012822340	WOLTE 38.15PLOPENG	EUR	15,8500	15,8500	15,5100			15,5100					
Warrant	NL0012476741	WOLTE 39.45PLOPENG	EUR	18,0200	18,0200	17,6800			17,6800					
Warrant	NL0012480784	WOLTE 42.25PLOPENG	EUR	15,4800	15,4800	15,1400			15,1400					
Warrant	NL0012822324	WOLTE 44.15PLOPENG	EUR	9,8600	9,8600	9,5200			9,5200					
Warrant	NL0012823017	WOLTE 45.15PLOPENG	EUR	12,7800	12,7800	12,4400			12,4400					
Warrant	NL0012823314	WOLTE 47.35PLOPENG	EUR	6,6800	6,6800	6,3400			6,3400					
Warrant	NL0012825236	WOLTE 48.35PLOPENG	EUR	9,8800	9,8800	9,5400			9,5400					
Warrant	NL0012826317	WOLTE 50.65PLOPENG	EUR											
Warrant	NL0012835466	WOLTE 50.75PLOPENG	EUR	3,3000	3,3000	2,9600			2,9600					
Warrant	NL0012827232	WOLTE 51.65PLOPENG	EUR											
Warrant	NL0012822357	WOLTE 55.45PSPLOPENG	EUR	1,9100	2,2300	1,9100			2,2300					
Warrant	NL0012826325	WOLTE 60.35PSPLOPENG	EUR	6,8300	7,1500	6,8300			7,1500					
Warrant	NL0010952032	ZALG 22SPLOPENG	EUR	9,4300	9,7600	9,4300			9,7600					
Warrant	NL0010821419	ZALG 16.85PSPLOPENG	EUR	14,0600	14,3900	14,0600			14,3900					
Warrant	NL0010821401	ZALG 17.95PSPLOPENG	EUR	13,0200	13,3500	13,0200			13,3500					